Supplementary Material:

Corpus of Sources with Citation Metadata

Accompanying:

An Interdisciplinary Review of Camera Image Collection and Analysis Techniques, with Considerations for Environmental Conservation Social Science

Authors:

Coleman L. Little , Elizabeth E. Perry, Jessica P. Fefer, Matthew T.J. Brownlee and Ryan L. Sharp

ID	Author(s)	Title	Year	Journal/ Publisher	Access Link
S001	Abbas, M. K., Tong, B., & Abdulla, R.	A Hybrid Alert System For Deaf People Using Context-Aware Computing And Image Processing	2018	International Conference on Computer and Information Sciences	https://doi.org/10.1016/j.rse.2007.07.011
S002	Abellera, L. V.	Application Of Knowledge-Based Classification Techniques And Geographic Information Systems (Gis) On Satellite Imagery For Stormwater Management	2005	UCLA	http://hdl.handle.net/1946/23777
S003	Adhikari, S., Shrestha, B., Baiju, B., & Kumar, K. C. S.	Tomato Plant Diseases Detection System Using Image Processing	2018	KEC Conference	https://doi.org/10.1109/SIPROCESS.2017.8124548
S004	Alivernini, A., Fares, S.,Ferrara, C., & Chianucci, F.	An Objective Image Analysis Method For Estimation Of Canopy Attributes From Digital Cover Photography	2018	Trees	https://dx.doi.org/10.1371%2Fjournal.pone.0161094
S005	Al-Kawaz, H., Clarke, N., Furnell, S., Li, F., & Alruban, A.	Advanced Facial Recognition For Digital Forensics	2014	Plymouth University	https://doi.org/10.1007/s00468-018-1666-3
S006	Amin, R., Richards, B. L., Misa, W. F. X. E., Taylor, J. C., Miller, D. R., Rollo, A. K., Demarke, C., Singh, H., Young, G. C., Childress, J., Ossolinski, J. E., Reardon, R. T. & Koyanagi, K. H.	The Modular Optical Underwater Survey System	2017	Sensors	https://digitalcommons.wpi.edu/mqp-all/1275/
S007	Amon, F., & Ducharme, A.	Image Frequency Analysis For Testing Of Fire Service Thermal Imaging Cameras	2009	Fire Technology	https://doi.org/10.1186/s13007-018-0331-6
S008	Anderson, J., Reynolds, C., Ringelberg, D., Edwards, J., & Foley, K.	Differentiation Of Live-Viable Versus Dead Bacterial Endospores By Calibrated Hyperspectral Reflectance Microscopy	2007	Journal of Microscopy	https://doi.org/10.1145/3264904

S009	Anlauf, E. & Derouiche, A.	A Practical Calibration Procedure For Fluorescence Colocalization At The Single Organelle Level	2009	Journal of Microscopy	https://doi.org/10.1109/TG.2018.2877325
S010	Antoine, R., Baratoux, D., Rabinowicz, M., Fontaine, F., Bachèlery, P., Staudacher, T., Saracco, G., & Finizola, A.	Thermal Infrared Image Analysis Of A Quiescent Cone On Piton De La Fournaise Volcano: Evidence Of Convective Air Flow Within An Unconsolidated Soil	2009	Journal of Volcanology and Geothermal Research	https://arxiv.org/abs/1901.05634
S011	Arab, L., Estrin, D., Kim, D., Burke, J., & Goldman, J.	Feasibility Testing Of An Automated Image-Capture Method To Aid Dietary Recall	2011	European Journal of Clinical Nutrition	https://dx.doi.org/10.1371%2Fjournal.pone.0008267
S012	Arnberger, A.	Methods For Visitor Monitoring In Recreational And Protected Areas: An Overview	2002	Journal of Leisure Research	http://cramp.wcc.hawaii.edu/downloads/publications/tr_final_report_1999_2000.pdf
S013	Askey, P. J., Ward, H., Godin, T., Boucher, M., & Northrup, S.	Angler Effort Estimates From Instantaneous Aerial Counts: Use Of High-Frequency Time-Lapse Camera Data To Inform Model-Based Estimators	2017	North American Journal of Fisheries Management	https://doi.org/10.3390/s18051489
S014	Asmiwyati, G. A. A. R.	Impact Of Land Use Change On Urban Surface Temperature And Urban Green Space Planning; Case Study Of The Island Of Bali, Indonesia	2016	Curtin University	https://doi.org/10.1007/s10661-009-1219-8
S015	Asvadi, A., Garrote, L., Premebida, C., Peixoto, P., & Nunes, U. J.	Multimodal Vehicle Detection: Fusing 3D-Lidar And Color Camera Data	2017	Pattern Recognition Letters	https://doi.org/10.1016/j.asej.2017.12.007
S016	Austin, D.	Object-Oriented Processing And High Spatial Resolution Imagery: A Comparison Of Pixel And Object Based Image Classification Of An Ikonos-2 Image Centered Around Barrier Lake Alberta	2006	University of Calgary	https://doi.org/10.1007/s13280-018-1020-4
S017	Babu, B. G.	Classification Of Urban Features Using Airborne Hyperspectral Data	2009	Indiana State University	https://doi.org/10.1007/s11119-012-9262-9

S018	Baby, S.	The Potential Of Open-Source Internet Gis As An In-House And Out-Reach Communication Interface In Regional Environmental Management: Exemplification From Phillip Island, Victoria, Australia	2012	RMIT University	https://dx.doi.org/10.1186/1479-5868-10-22
S019	Backoulou, G. F., Elliot, N. C., Giles, K. L., Alves, T. M., Brewer, M. J., & Starek, M.	Using Multispectral Imagery To Map Spatially Variable Sugarcane Aphid Infestations In Sorghum	2018	Southwestern Entomologist	https://www.researchgate.net/profile/Arne_Arnberger/publication/228991049_Methods_for_visitor_monitoring_in_recreational_and_protected_areas_An_overview/links/00b4951e7d40354ffb000000.pdf
S020	Bai, X., Lu, G., Bennet, T., Sarroza, A., Eastwick, C., Liu, H., & Yan, Y.	Combustion Behavior Profiling Of Single Pulverized Coal Particles In A Drop Tube Furnace Through High-Speed Imaging And Image Analysis	2017	Experimental Thermal and Fluid Science	https://doi.org/10.1007/s00265-010-1097-7
S021	Baker, A. D., & Leberg, P. L.	Impacts Of Human Recreation On Carnivores In Protected Areas	2018	PLOS ONE	https://doi.org/10.1016/S1385-1101(96)90783-2
S022	Bálint, K.	Pedestrian Space Usage Of Tourist-Historic Cities Comparing The Tourist Space Systems Of Vienna And Prague To Budapest	2014	Budapest University of Technology and Economics	https://doi.org/10.3958/059.043.0122
S023	Banskota, A.	The Discrete Wavelet Transform As A Precursor To Leaf Area Index Estimation And Species Classification Using Airborne Hyperspectral Data	2011	Virginia Polytechnic Institute and State University	https://doi.org/10.1016/j.amepre.2017.02.016
S024	Banzhaf, C.	Extracting Facial Data Using Feature-Based Image Processing And Correlating It With Alternative Biosensors Metrics	2017	University of Stuttgart	https://doi.org/10.1080/1369118X.2018.1486871
S025	Bassett, M., Lindholm, J., Garza, C., Kvitek, R., & Wilson-Vandenberg, D.	Lingcod (Ophiodon Elongatus) Habitat Associations In California: Implications For Conservation And Management	2017	Environmental Biology of Fishes	https://www.researchgate.net/profile/Wisemen_Chingombe/publication/228834019_A_COMPREHENSIVE_INVESTIGATION_OF_THE_KUILS-EERSTERIVER_CATCHMENTS_WATER_POLLUTION_AND_DEVELOPMENTOF_A_CATCHMENT_SUSTAIN

S026	Baumstark, R. D.	Remote Sensing And Spatial Metrics For Quantifying Seagrass Landscape Changes: A Study On The 2011 Indian River Lagoon Florida Seagrass Die-Off Event	2018	University of South Florida	http://www.diva-portal.org/smash/record.jsf?pid=diva2%3A1215409
S027	Bejuri, W. M. Y. W., Mohamad, M. M., Sapri, M., & Rosly, M. A.	Ubiquitous WLAN/Camera Positioning Using Inverse Intensity Chromaticity Space-Based Feature Detection And Matching: A Preliminary Result	2012	International Conference on Man-Machine Systems	https://doi.org/10.1016/j.ecoinf.2018.12.006
S028	Bellvert, J., Marsal, J., Girona, J., & Zarco-Tejada, P. J.	Seasonal Evolution Of Crop Water Stress Index In Grapevine Varieties Determined With High-Resolution Remote Sensing Thermal Imagery	2015	Irrigation Science	https://doi.org/10.1111/j.1469-7998.2007.00363.x
S029	Bellvert, J., Zarco-Tejada, P. J., Girona, J., & Fereres, E.	Mapping Crop Water Stress Index In A 'Pinot-Noir' Vineyard: Comparing Ground Measurements With Thermal Remote Sensing Imagery From An Unmanned Aerial Vehicle	2014	Precision Agriculture	http://hdl.handle.net/1974/23937
S030	Benalia, S., Cubero, S., Prats-Montalbán, J. M., Bernardi, B., Zimbalatti, G., & Blasco, J.	Computer Vision For Automatic Quality Inspection Of Dried Figs (Ficuscarica L.) In Real-Time	2016	Computers and Electronics in Agriculture	https://doi.org/10.1093/treephys/tps017
S031	Bendaoudi, H.	Flexible Hardware Architectures For Retinal Image Analysis	2017	École Polytechnique De Montréal	https://doi.org/10.1007/s11119-010-9169-2
S032	Bermana, E. E., Boltona, D. K., Coopsa, N. C., Mityoka, Z. K., Stenhouseb, G. B., & Moorec, R. D.	Daily Estimates Of Landsat Fractional Snow Cover Driven By Modis And T Dynamic Time-Warping	2018	Remote Sensing Environment	https://doi.org/10.1080/01431161.2017.1280639
S033	Bernas, T., Barnes, D., Asem, E. K., Robinson, J. P., & Rajwa, B.	Precision Of Light Intensity Measurement In Biological Optical Microscopy	2006	Journal of Microscopy	https://trepo.tuni.fi/bitstream/handle/123456789/26474/Ghazi.pdf?sequence=3

S034	Bhaskaran, S.	Improving Classification Accuracy Of Spectrally Similar Urban Classes By Using Object-Oriented Classification Techniques: A Case Study Of New York City	2010	ASPRS 2010 Auunal Conference	https://core.ac.uk/download/pdf/77222357.pdf
S035	Bhaskaran, S., Paramananda, S., & Ramnarayan, M.	Per-Pixel And Object-Oriented Classification Methods For Mapping Urban Features Using Ikonos Satellite Data	2010	Applied Geography	http://hdl.handle.net/2142/100993
S036	Blanco, A.	Remote Sensing Techniques For Monitoring Aquatic Vegetation	2013	George Mason University	https://doi.org/10.1111/j.1477-9730.2005.00305.x
S037	Boeddeker, N., Lindemann, J. P., Egelhaaf, M., & Zeil, J.	Responses Of Blowfly Motion-Sensitive Neurons To Reconstructed Optic Flow Along Outdoor Flight Paths	2005	Journal of Comparative Physiology	https://doi.org/10.1016/j.compag.2018.12.048
S038	Boldu, R., Dancu, A., Matthies, D. J. C., Buddhika, T., Siriwardhana, S., & Nanayakkara, S.	FingerReader2.0: Designing And Evaluating A Wearable Finger-Worn Camera To Assist People With Visual Impairments While Shopping	2018	ACM	https://doi.org/10.3958/059.034.0301
S039	Booth, D. T., & Cox, S. E.	Dual-Camera, High-Resolution Aerial Assessment Of Pipeline Revegetation	2009	Environmental Monitoring and Assessment	https://doi.org/10.1007/s11119-012-9263-8
S040	Booth, D. T., Cox, S. E., & Teel, D.	Aerial Assessment Of Leafy Spurge On Idaho's Deep Fire Burn	2010	Native Plants	https://doi.org/10.1109/UPINLBS.2018.8559917
S041	Booth, D. T., Cox, S. E., Meikle, T., & Zuuring, H. R.	Ground-Cover Measurements: Assessing Correlation Among Aerial And Ground-Based Methods	2008	Journal of Environmental Management	http://people.ucalgary.ca/~mcdermid/Docs/Theses/Austin_2006.pdf
S042	Bosch, O. J., Revilla, M., & Paura, E.	Answering Mobile Surveys With Images: An Exploration Using A Computer Vision API	2018	Social Science Computer Review	https://doi.org/10.3390/drones3010010

S043	Boushey, C., Kerr, D., Wright, J., Lutes, K., Ebert, D., & Delp, E.	Use Of Technology In Children'S Dietary Assessment	2009	European Journal of Clinical Nutrition	https://doi.org/10.1007/s11119-012-9257-6
S044	Bouthour, K.	Improving Face Verification In Photo Albums By Combining Facial Recognition And Metadata With Cross-Matching	2017	Naval Postgraduate School	http://ece.eng.umanitoba.ca/undergraduate/ECE4600/ECE4600/Archive/2017/G15_FinalReport.pdf
S045	Brooke, S., Graham, D., Jacobs, T., Littnan, C., Manuel, M., & O'Conner, R.	Testing Marine Conservation Applications Of Unmanned Aerial Systems (UAS) In A Remote Marine Protected Area	2015	Journal of Unmanned Vehicle Systems	https://doi.org/10.1016/j.healthplace.2018.07.001
S046	Brust, C. A., Ka¨Ding, C., & Denzler, J.	Active Learning For Deep Object Detection	2018	arXiv	https://doi.org/10.3758/BRM.42.4.1079
S047	Byrum, D. C., & Addington, H.	Creating And Using Time-Lapse Video In The Classroom	2012	New Braunfels ISD	https://escholarship.org/uc/item/5955t4nq
S048	c´Wia˛Kała, P., Kocierz, R., Puniach, E., Ne˛Dzka, M., Mamczarz, K., Niewiem, W., & Wia˛Cek, P.	Assessment Of The Possibility Of Using Unmanned Aerial Vehicles (UAVs) For The Documentation Of Hiking Trails In Alpine Areas	2017	Sensors	https://hdl.handle.net/10652/3704
S049	Calderara, S., Prati, A., & Cucchiara, R.	Hecol: Homography And Epipolar-Based Consistent Labeling For Outdoor Park Surveillance	2008	Computer Vision and Image Understanding	https://doi.org/10.1007/s11119-016-9442-0
S050	Carter, A. M.	Facing Reality: The Benefits And Challenges Of Facial Recognition For The Nypd	2018	Naval Postgraduate School	https://doi.org/10.3390/ijgi8010045
S051	Casadesús, J., & Villegas, D.	Conventional Digital Cameras As A Tool For Assessing Leaf Area Index And Biomass For Cereal Breeding	2014	Journal of Integrative Plant Biology	http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.222.2268&rep=rep1&type=pdf

S052	Chan, K. J.	The Effects Of Scarring On Face Recognition	2016	Purdue University	https://docs.lib.purdue.edu/open_access_theses/931
S053	Chaudhry, F. A.	Improvement Of Facial Expression Recognition Through The Evaluation Of Dynamic And Static Features In Video Sequences	2008	Otto-von-Guericke University Magdeburg Department for Simulation and Graphics	https://doi.org/10.1016/j.compcheemeng.2008.10.013
S054	Chen, R., Chu, T., Landivar, J. A., Yang, C., & Maeda, M. M.	Monitoring Cotton (Gossypium Hirsutum L.) Germination Using Ultrahigh-Resolution Uas Images	2018	Precision Agriculture	https://doi.org/10.1111/j.1445-6664.2006.00234.x
S055	Chen, X.	Estimation Of Carbon Storage In Urban Trees Using Multispectral Airborne Laser Scanning Data	2016	University of Waterloo	https://doi.org/10.1093/ae/59.3.176
S056	Chen, X., Zhou, B., Lu, F. X., Wang, L., & Bi, L.	Garment Modeling With A Depth Camera	2015	ACM Transactions on Graphics	https://doi.org/10.1111/j.1365-2818.2009.03195.x
S057	Chiari, Y., Wang, B., Rrushmeier, H., & Caccone, A.	Using Digital Images To Reconstruct Three-Dimensional Biological Forms: A New Tool For Morphological Studies	2008	Biological Journal of the Linnean Society	https://arxiv.org/abs/1712.01785
S058	Chihaoui, M., Elkefi, A., Bellil, W., & Amar, C. B.	A Survey Of 2D Face Recognition Techniques	2016	Computers	https://doi.org/10.1007/s00216-016-9819-y
S059	Chima, C. I.	Monitoring And Modelling Of Urban Land Use In Abuja Nigeria, Using Geospatial Information Technologies	2015	Coventry University	https://doi.org/10.1007/s11119-010-9205-2
S060	Choi, S., Salter, E., Zhang, X., & Wu¨Nsche, B. C.	Bird Eyes: A Cloud-Based Object Detection System For Customisable Surveillance	2018	IEEE	https://doi.org/10.1186/1746-4811-9-30

S061	Chollet, R., Kukuczka, M., Halter, N., Romieux, M., Marc, F., Meder, H., Beguin, V., & Ribault, S.	Rapid Detection And Enumeration Of Contaminants By Atp Bioluminescence Using The Milliflex® Rapid Microbiology Detection And Enumeration System	2008	Journal of Rapid Methods & Automation in Microbiology	https://doi.org/10.1111/j.1365-2818.2009.03197.x
S062	Chouinard, B., Scott, K., & Cusack, R.	Using Automatic Face Analysis To Score Infant Behaviour From Video Collected Online	2018	Infant Behavior and Development	https://scholarcommons.usf.edu/etd/7124
S063	Chun, A. V.	Development Of A Model For Defining And Predicting The Urban-Wildland Interface For Leflore County, Oklahoma	1996	Oklahoma State University	https://doi.org/10.1016/j.gecco.2015.07.008
S064	Clayton, A. I.	Remote Sensing Of Subglacial Bedforms From The British Ice Sheet Using An Unmanned Aerial System (UAS): Problems And Potential.	2012	Durham University	https://doi.org/10.1007/s11119-015-9415-8
S065	Cohen, Y., Alchanatis, V., Prigojin, A., Levi, A., Soroker, V., & Cohen, Y.	Use Of Aerial Thermal Imaging To Estimate Water Status Of Palm Trees	2012	Precision Agriculture	https://ui.adsabs.harvard.edu/abs/2003PhDT.....161G
S066	Cohn, J. F., & Sayette, M. A.	Spontaneous Facial Expression In A Small Group Can Be Automatically Measured: An Initial Demonstration	2010	Behavior Research Methods	https://www.srs.fs.fed.us/pubs/ja/ja_kline015.pdf
S067	Cohn, J. F., Kruez, T. S., Matthews, I., Yang, Y., Nguyen, M. H., Padilla, M. T., Zhou, F., & Torre, F. D.	Detecting Depression From Facial Actions And Vocal Prosody	2009	Journal of Nonverbal Behavior	https://doi.org/10.1007/978-3-319-67687-6_28
S068	Collins, J.	Methodology For The Objective Measurement Of Body Image	1987	International Journal of Eating Disorders	https://doi.org/10.1109/TMM.2019.2891999
S069	Cong, L., Wu, B., Morrison, A. M., Shu, H., & Wang, M.	Analysis Of Wildlife Tourism Experiences With Endangered Species: An Exploratory Study Of Encounters With Giant Pandas In Chengdu, China	2013	Tourism Management	https://doi.org/10.3375/043.035.0304

S070	Coulter, L. L., & Stow, D. A.	Assessment Of The Spatial Co-Registration Of Multitemporal Imagery From Large Format Digital Cameras In The Context Of Detailed Change Detection	2008	Sensors	https://ethos.bl.uk/OrderDetails.do?uin=uk.bl.ethos.633630
S071	Couri, S., Merces, E. P., Neves, B. C. V. & Senna, L. F.	Digital Image Processing As A Tool To Monitor Biomass Growth In Aspergillus Niger 3T5B8 Solid-State Fermentation: Preliminary Results	2006	Journal of Microscopy	https://doi.org/10.1145/3192701
S072	Craig, J., Priede, I. G., Aguzzi, J., Company, J. B., & Jamieson, A. J.	Abundant Bioluminescent Sources Of Low-Light Intensity In The Deep Mediterranean Sea And North Atlantic Ocean	2015	Marine Biology	https://scholarcommons.scu.edu/cseng_senior/74?utm_source=scholarcommons.scu.edu%2Fcseng_senior%2F74&utm_medium=PDF&utm_campaign=PDFCoverPages
S073	Crossman, N. D.	Mapping Environmental Weeds In The Mount Lofty Ranges, South Australia, Using High Resolution Infrared Aerial Photography	2002	Australian Weeds Conference	https://doi.org/10.1371/journal.pone.0130293
S074	Curr, R.H.F., Koh, A., Edwards, E., Williams, A. T., & Davies, P.	Assessing Anthropogenic Impact On Mediterranean Sand Dunes From Aerial Digital Photography	2000	Journal of Coastal Conservation	https://doi.org/10.1016/j.compind.2018.03.014
S075	Dacey, S.	Computational Land Use Management Of Public Spaces In New Zealand	2015	Unitec Institute of Technology	https://doi.org/10.1016/j.mambio.2017.05.005
S076	Dang, T., Papachristos, C., & Alexis, K.	Autonomous Exploration And Simultaneous Object Search Using Aerial Robots	2018	IEEE	https://doi.org/10.1007/s11119-013-9333-6
S077	Daniels, K.	Inferences About The Conservation Utility Of Using Unmanned Aerial Vehicles To Conduct Rapid Assessments For Basking Freshwater Turtles	2018	University of Tennessee at Chattanooga	https://doi.org/10.1109/CC.2013.6520940
S078	Davies, H. N., Beckley, L. E., Kobryn, H. T., Lombard, A. T., Radford, B., & Heyward, A.	Integrating Climate Change Resilience Features Into The Incremental Refinement Of An Existing Marine Park	2016	PLOS ONE	https://doi.org/10.1016/S0924-2031(99)00004-1

S079	Davis, P. A.	Review Of Remote-Sensing And Gis Technologies And Approaches That May Provide Alternative Ecological Monitoring Tools For The Grand Canyon Monitoring And Research Center	2002	U.S. Geological Survey	https://dx.doi.org/10.1371%2Fjournal.pone.0195436
S080	Defante, A. P., Vreeland, W. N., Benkstein, K. D., & Ripple, D. C.	Using Image Attributes To Assure Accurate Particle Size And Count Using Nanoparticle Tracking Analysis	2018	Journal of Pharmaceutical Sciences	http://hdl.handle.net/10266/5238
S081	Delgado-Fernandez, I., Davidson-Arnott, R., & Ollerhead, J.	Application Of A Remote Sensing Technique To The Study Of Coastal Dunes	2009	Journal of Coastal Research	https://doi.org/10.1016/j.patrec.2017.09.038
S082	Deng, N., & Li, X. R.	Feeling A Destination Through The “Right” Photos: A Machine Learning Model For DMOs’ Photo Selection	2018	Tourism Management	http://hdl.handle.net/1993/32811
S083	Diaz-Garcia, L., Covarrubias-Pazaran, G., Schlautman, B., & Zalapa, J.	Gina, An Efficient And High-Throughput Software For Horticultural Phenotyping	2016	PLOS ONE	https://doi.org/10.1109/TIP.2017.2731619
S084	Do, T. T., Cai, M., Pham, T., & Reid, I.	Deep-6Dpose: Recovering 6D Object Pose From A Single RGB Image	2018	arXiv	https://doi.org/10.1155/2018/7961427
S085	Doherty, A. R., Kelly, P., Kerr, J., Marshall, S., Oliver, M., Badland, H., Hamilton, A., & Foster, C.	Using Wearable Cameras To Categorise Type And Context Of Accelerometer-Identified Episodes Of Physical Activity	2013	International Journal of Behavioral Nutrition and Physical Activity	http://krishikosh.egranth.ac.in/handle/1/5810020089
S086	Donázar, J. A., Cortés-Avizanda, A., & Ceballos, O.	Tourism In Protected Areas: Disentangling Road And Traffic Effects On Intra-Guild Scavenging Processes	2018	Science of the Total Environment	https://doi.org/10.1007/BF02730463
S087	Dong, W., Zou, J., & Stephenson, D.	Diagnosis Of The Power Frequency Vacuum Arc Shape Based On 2D-PIV	2018	Open Physics	https://doi.org/10.1111/jofo.12143

S088	Doss, P., Bodduluri, G., & Gutgutia, A.	Face Identification Using Micro Flying Robot	2018	International Journal of Engineering Science and Computing	https://doi.org/10.3957/056.043.0113
S089	Dubey, A. K.	New Genus And Species Of Aleyrodidae (Hemiptera: Sternorrhyncha) From North-Eastern India, With Remarks On Its Relationships With Allied Genera	2016	Entomological Science	http://doi.org/10.2979/NPJ.2010.11.3.327
S090	Duniway, M. C., Karl, J. W., Schrader, S., Baquera, N., & Herrick, J. E.	Rangeland And Pasture Monitoring: An Approach To Interpretation Of High-Resolution Imagery Focused On Observer Calibration For Repeatability	2012	Environmental Monitoring and Assessment	https://www.researchgate.net/profile/Arne_Arnberger/publication/228991049_Methods_for_visitor_monitoring_in_recreational_and_protected_areas_An_overview/links/00b4951e7d40354ffb000000.pdf
S091	Dupre, I. M.	Exploring Environmental Place Attachment Of Tourists And Caiçara In Paraty, Brazil	2017	University of Manitoba	https://doi.org/10.1016/j.neucom.2017.08.052
S092	Dutta, R., & Nachamai, M.	Facial Pain Expression Recognition In Real-Time Videos	2018	Journal of Healthcare Engineering	https://doi.org/10.26077/z5kk-s204
S093	Eder, F., & Lazic, M.	Using Random Forest Model To Predict Image Engagement Rate	2018	KTH Royal Institute of Technology	https://doi.org/10.1109/ICASSDA.2018.8477600
S094	Ediriweera, S.	Refinement Of Predictions Of Forest Structure Using Remote Sensing Techniques In A Topographically Complex Landscape	2013	Southern Cross University	https://doi.org/10.1016/j.tourman.2017.09.010
S095	Edwards, E.	An Investigation Into The Use Of Aerial Digital Photography For Monitoring Coastal Sand Dunes	2001	Bath Spa University College	https://doi.org/10.1007/978-3-319-23234-8_52
S096	Elliott, N., Mirik, M., Yang, Z., Jones, D., Phoofolo, M., Catana, V., Giles, K., & Michels, G. J.	Airborne Remote Sensing To Detect Greenbug Stress To Wheat	2009	Southwestern Entomologist	https://doi.org/10.3390/ijgi4020974

S097	Elmeligi, S.	Impacts Of Boat-Based Wildlife Viewing In The K'Tzim-A-Deen Inlet On Grizzly Bear (Ursus Arctos) Behavior	2015	Natural Areas Journal	https://doi.org/10.1109/ICSensT.2018.8603600
S098	Ergin, L. N.	Enhanced Data Reduction, Segmentation, And Spatial Multiplexing Methods For Hyperspectral Imaging	2006	Ohio University	http://doi.org/10.1214/19-BA1152
S099	Fazil Marickar, Y. M., Varma, L., & Koshy P.	Ultra Structural Study Of Laminated Urinary Stone	2009	11th International Symposium on Urolithiasis	https://doi.org/10.1007/s00240-009-0210-8
S100	Fischer, A., Luginbühl, T., Delattre, L., Delouard, J. M., & Faverdin, P.	Rear Shape In 3 Dimensions Summarized By Principal Component Analysis Is A Good Predictor Of Body Condition Score In Holstein Dairy Cows	2015	Journal of Dairy Sciences	https://doi.org/10.1080/15623599.2018.1452101
S101	Fishera, D. M., Wooda, S. A., Whitec, E. M., Blahnac, D. J., Langed, S., Weinbergd, A., Tomcoa, M., & Liaa, E.	Recreational Use In Dispersed Public Lands Measured Using Social Media Data T And On-Site Counts	2018	Journal of Environmental Management	http://hdl.handle.net/10919/39188
S102	Foley, D., & O'Reilly, R.	An Evaluation Of Convolutional Neural Network Models For Object Detection In Images On Low-End Devices	2017	CEUR-WS	https://doi.org/10.1007/s00227-017-3264-0
S103	Forman, J. E., Timperley, C. M., Aas, P., Abdollahi, M., Alonso, I. P., Baulig, A., Becker-Arnold, R., Borrett, V., Cariño, F. A., Curty, C., Gonzalez, D., Kovarik, Z., Martínez-Álvarez, R., Mikulak, R., Nogueria, E. D. S., Ramasami, P., Raza, S.K., Saeed, A. E. M., Takeuchi, K., Tang, C., Trifirò, F., Van Straten, F. M., Waqar, F., Zaitsev, V., Zina, M. S., Grolmusová, K., Valente, G., Payva, M., Sun, S., Yang, A., & Darcy Van Eerten	Innovative Technologies For Chemical Security	2018	Pure and Applied Chemistry	https://repository.usfca.edu/capstone/371
S104	Freeman, R. J., Thomas, C. D., Solyom, L., & Koopman, R. F.	Clinical And Personality Correlates Of Body Size Overestimation In Anorexia Nervosa And Bulimia Nervosa	1985	International Journal of Eating Disorders	https://doi.org/10.1007/s10529-007-9580-6

S105	Gagnon, J. W., Loberger, C. D., Sprague, S. C., Ogren, K. S., Boe, S. L., & Schweinsburg, R. E.	Cost-Effective Approach To Reducing Collisions With Elk By Fencing Between Existing Highway Structures	2015	Human-Wildlife Interactions	https://doi.org/10.1186/1743-7075-11-14
S106	Gamble, L.	Multi-Scale Features For Identifying Individuals In Large Biological Databases: An Application Of Pattern Recognition Technology To The Marbled Salamander Ambystoma Opacum	2008	Journal of Applied Ecology	https://doi.org/10.1111/j.1365-3180.2007.00565.x
S107	Gan, X., Yu, B., Li, S., Jiang, Q., & Huang, L.	Object Recognition And Simultaneous Indoor Location Algorithm With Stereo Camera	2018	IEEE	https://doi.org/10.1093/pcp/pct131
S108	Garcia-Santillan, I., Guerrero, J. M., Montalvo, M., & Pajares, G.	Curved And Straight Crop Row Detection By Accumulation Of Green Pixels From Images In Maize Fields	2018	Precision Agriculture	https://doi.org/10.1007/s00442-006-0657-z
S109	GarretT, T. R., Bhakoo, M., & Zhang, Z.	Characterisation Of Bacterial Adhesion And Removal In A Flow Chamber By Micromanipulation Measurements	2008	Biotechnology Letters	arXiv:1902.06854
S110	Gasc, A., Gottesman, B. L., Francomano, D., Jung, J., Durham, M., Mateljak, J., & Pijanowski, B. C.	Soundscapes Reveal Disturbance Impacts: Biophonic Response To Wildfire In The Sonoran Desert Sky Islands	2018	Landscape Ecology	http://dx.doi.org/10.18419/opus-9672
S111	Ge, H., Suszynski, W. J., Davis, H. T. & Scriven, L. E.	New Controlled Environment Vitrification System For Preparing Wet Samples For Cryo-Sem	2007	Journal of Microscopy	http://rave.ohiolink.edu/etdc/view?acc_num=csu15018714949972 72
S112	Genc, L.	Comparison Of Landsat Mss And Tm Imagery For Long Term Forest Land Cover Change Assessment	2003	University of Florida	https://doi.org/10.1016/j.forsciint.2018.06.022
S113	Ghazi, P.	Smile Recognition Implementation On Embedded Plat-Forms	2018	Tampere University of Technology	https://shareok.org/bitstream/handle/11244/12482/Thesis-1996-C559d.pdf?sequence=1

S114	Giunchiglia, F., Maltese, V., Madalli, D., Baldry, A., Wallner, C., Lewis, P., Denecke, K., Skoutas, D., & Marenzi, I.	Foundations For The Representation Of Diversity, Evolution, Opinion And Bias	2009	DISI - Via Sommarive	https://doi.org/10.1139/cjfr-2016-0003
S115	Goh, T. K.	Development Of Interactivity Game Using Facial Landmarks	2017	Universiti Tunku Abdul Rahman	https://doi.org/10.3390/su908130 6
S116	Gómez-Candón, D., Virlet, N., Labbé, S., Jolivot, A., & Regnard, J.	Filed Phenotyping Of Water Stress At Tree Scale By Uav-Sensed Imagery: New Insights For Thermal Acquisition And Calibration	2016	Precision Agriculture	https://doi.org/10.1111/j.1477-9730.2005.00305.x
S117	Gonzalez-Dugo, V., Zarco-Tejada, P., Nicola´S, E., Nortes, P. A., Alarco´N, J. J., Intrigliolo, D. S., & Fereres, E.	Using High Resolution UAV Thermal Imagery To Assess The Variability In The Water Status Of Five Fruit Tree Species Within A Commercial Orchard	2013	Precision Agriculture	http://hdl.handle.net/10012/3957
S118	Griffin, Z. M., & Davison, J. C.	A Technical Introduction To Using Speakers' Eye Movements To Study Language	2011	The Mental Lexicon	http://hdl.handle.net/1946/18738
S119	Gruber, L. F., Stuber, E. F., Wszola, L. S., & Fontaine, J. J.	Estimating The Use Of Public Lands: Integrated Modeling Of Open Populations With Convolution Likelihood Ecological Abundance Regression	2019	Bayesian Analysis	https://doi.org/10.1007/s12652-015-0328-1
S120	Guerrero, P., Møller, M. S., Olafsson, A. S., & Snizek, B.	Revealing Cultural Ecosystem Services Through Instagram Images: The Potential Of Social Media Volunteered Geographic Information For Urban Green Infrastructure Planning And Governance	2016	Urban Planning	https://doi.org/10.3390/sym1004 0108
S121	Guillen-Climent, M. L., Zarco-Tejada, P. J., Berni, J. A. J., North, P. R. J., & Villalobos, F. J.	Mapping Radiation Interception In Row-Structured Orchards Using 3D Simulation And High-Resolution Airborne Imagery Acquired From a UAV	2012	Precision Agriculture	https://scholar.utc.edu/theses/56 5
S122	Gümüş, B., & Balaban, M. O.	Prediction Of The Weight Of Aquacultured Rainbow Trout (Oncorhynchus Mykiss) By Image Analysis	2010	Journal of Aquatic Food Product Technology	https://doi.org/10.1111/j.1365-2818.2007.01772.x

S123	Günlü, A., Keles, S., Ercanli, I., & Semyurt, M.	Estimation Of Leaf Area Index Using Worldview-2 And Aster Satellite Image: A Case Study Of Turkey	2017	Environmental Monitoring and Assessment	https://cedar.wwu.edu/wwuet/282?utm_source=cedar.wwu.edu%2Fwwuet%2F282&utm_medium=PDF&utm_campaign=PDFCoverPages
S124	Hague, B. T.	The Use Of Remote Sensing To Map And Monitor Coastal Dune Vegetation Change At Southampton, Ontario, Canada	2016	Brock University, Ontario	http://hdl.handle.net/10464/9290
S125	Halicioglu, K., Deniz, R., & Ozener, H.	Digital Astro-Geodetic Camera System For The Measurement Of The Deflections Of The Vertical: Tests And Results	2016	International Journal of Digital Earth	http://hdl.handle.net/20.500.11937/913
S126	Hanavan, R. P., Pontius, J., & Hallett, R.	A 10-Year Assessment Of Hemlock Decline In The Catskill Mountain Region Of New York State Using Hyperspectral Remote Sensing Techniques	2015	Sampling and Biostatistics	https://doi.org/10.1007/s10980-018-0675-3
S127	Hartilla, B. W., Payneb, G. W., Rusha, N., & Biana, R.	Bridging The Temporal Gap: Continuous And Cost-Effective Monitoring Of Dynamic Recreational Fisheries By Web Cameras And Creel Surveys	2016	Fisheries Research	https://doi.org/10.1111/j.1365-2818.2006.01699.x
S128	Haug, J. T., Haug, C., Maas, A., Fayers, S. R., Trewin, N. H., & Waloszek D.	Simple 3D Images From Fossil And Recent Micromaterial Using Light Microscopy	2009	Journal of Microscopy	https://doi.org/10.1109/ICMLA.2018.00028
S129	Heath, B. L.	Evaluating Scale To Achieve Optimal Image Classification Accuracy In New Hampshire Forests	2008	University of New Hampshire	https://doi.org/10.1016/j.procs.2018.07.112
S130	Hedwig, D., Kienast, I., Bonnet, M., Curran, B. K., Courage, A., Boesch, C., Ku, H. S., & King, T.	A Camera Trap Assessment Of The Forest Mammal Community Within The Transitional Savannah-Forest Mosaic Of The Batéké Plateau National Park, Gabon	2017	African Journal of Ecology	https://doi.org/10.1080/02652030802662746
S131	Heinonen, E.	Hololens Research And Demo Application Development	2018	Metropolia University	https://doi.org/10.1109/AERO.2018.8396632

S132	Hening, S.	Sensing, Navigation And Payload Directed Flight For Small UAVs	2018	UC Santa Cruz	https://doi.org/10.3390/land6040090
S133	Hénon, A., Mestayer, P. G., Lagouarde, J., & Voogt, J. A.	An Urban Neighborhood Temperature And Energy Study From The Capitoul Experiment With The Solene Model	2012	Theoretical & Applied Climatology	https://doi.org/10.1016/j.tourman.2013.07.005
S134	Hernandez, D., Laar, A., & Mccreary, J.	Smart Photos	2016	Santa Clara University	http://www.igp.ethz.ch/photogrammetry/pcv2014/program.html
S135	Heuvelman, G., Erdel, F., Wachsmuth, M., & Rippe, K.	Analysis Of Protein Mobilities And Interactions In Living Cells By Multifocal fluorescence fluctuation Microscopy	2009	European Biophysical Societies' Association	https://doi.org/10.1111/j.1752-4598.2011.00157.x
S136	Heydarian, Z., Sasidharan, R., Cox, M. C. H., Pierik, R., Voesenek, L. A. C. J., & Peeters, A. J. M.	A Kinetic Analysis Of Hyponastic Growth And Petiole Elongation Upon Ethylene Exposure In Rumex Palustris	2010	Annals of Botany	https://doi.org/10.1186/s12937-018-0341-2
S137	Hillen, F., Meynberg, O., & Höfle, B.	Routing In Dense Human Crowds Using Smartphone Movement Data And Optical Aerial Imagery	2015	ISPRS International Journal of Geo-Information	https://doi.org/10.1111/j.1365-2818.2007.01858.x
S138	Hocˇevar, M., Sˇ Irok, B., Godesˇa, T., & Stopar, M.	Flowering Estimation In Apple Orchards By Image Analysis	2014	Precision Agriculture	http://caws.org.nz/old-site/awc/2002/awc200215791.pdf
S139	Hsi, C. H., Bresee, R. R., & Annis, P. A.	Characterizing Fuzz On Fabrics Using Image Analysis	2000	Textile Research Journal	https://www.researchgate.net/profile/Mohd_Mohamad/publication/234129653_Inverse_intensity_chromaticity_space-based_feature_detection_and_matching_for_mobile_indoor_localization/links/00b7d519f754cf224c000000/Inverse-intensity-chromaticity-space-based-feature-detection-and-matching-for-mobile-indoor-localization.pdf

S140	Hsu, H. J., & Chen, K. T.	Droneface: An Open Dataset For Drone Research	2017	ACM	https://doi.org/10.1007/s10694-008-0060-x
S141	Hu, F.	Periodicity Detection And Its Application In Lifelog Data	2016	Dublin City University School of Computing	https://doi.org/10.1007/s10694-010-0157-x
S142	Hu, Z.	Intelligent Road Sign Inventory (Irsi) With Image Recognition And Attribute Computation From Video Log	2013	Computer-Aided Civil and Infrastructure Engineering	https://doi.org/10.1007/s11119-016-9449-6
S143	Hueting, M., Ovsjanikov, M., & Mitra, N. J.	Crosslink: Joint Understanding Of Image And 3D Model Collections Through Shape And Camera Pose Variations	2015	ACM Transactions on Graphics	https://doi.org/10.1093/treephys/tpp042
S144	Hufnagle, K. B.	Designing And Developing A Travel-Based Android Application	2014	Worcester Polytechnic Institute	https://doi.org/10.1139/juvs-2015-0011
S145	Huggett, B., & Tomlinsont, P. B.	Aspects Of Vessel Dimensions In The Aerial Roots Of Epiphytic Araceae	2010	International Journal of Plant Science	https://revistas.unicentro.br/index.php/ambiencia/article/view/260/343
S146	Hulet, A., Roundy, B. A., Petersen, S. L., Jensen, R. R., & Bunting, S. C.	An Object-Based Image Analysis Of Pinyon And Juniper Woodlands Treated To Reduce Fuels	2014	Environmental Management	https://doi.org/10.1007/s10661-008-0562-5
S147	Hyam, R.	Automated Image Sampling And Classification Can Be Used To Explore Perceived Naturalness Of Urban Spaces	2017	PLOS ONE	https://doi.org/10.1016/j.jvolgeores.2008.12.003
S148	Iemma, A., & Rovero, F.	The Influence Of Human Disturbance On Occupancy And Activity Patterns Of Mammals In The Italian Alps From Systematic Camera Trapping	2017	Mammalian Biology	https://dx.doi.org/10.1371%2Fjournal.pone.0169357

S149	Iijima, M., Sako, Y., & Rao, T. P.	A New Approach For The Quantification Of Root-Cap Mucilage Exudation In The Soil	2003	Plant and Soil	https://doi.org/10.1515/ijfe-2014-0027
S150	Imai, N., Samejima, H., Langner, A., Ong, R. C., Kita, S., Titin, J., Chung, A. Y. C., Lagan, P., Lee, Y. F., & Kitayama, K.	Co-Benefits Of Sustainable Forest Management In Biodiversity Conservation And Carbon Sequestration	2009	PLOS ONE	https://doi.org/10.1177%2F00405 1750007001003
S151	Inthiyaz, S., Madhav, B. T. P., & Kishore, P. V. V.	Flower Image Segmentation With PCA Fused Colored Covariance And Gabor Texture Features Based Level Sets	2018	Ain Shams Engineering Journal	https://doi.org/10.1038/ejcn.2008.65
S152	Iryadia, R., & Nur Sadewo, M.	Influence The Existence Of The Bali Botanical Garden For Land Cover Change In Bedugul Basin Using Landsat Time Series	2015	Procedia Environmental Sciences	https://doi.org/10.17645/up.v1i2.609
S153	Ishida, M.	Automatic Thresholding For Digital Hemispherical Photography	2004	Canadian Journal of Forest Resources	https://doi.org/10.1007/s11119-017-9508-7
S154	Jacobs, C. E., & Ausband, D. E.	An Evaluation Of Camera Trap Performance – What Are We Missing And Does Deployment Height Matter?	2018	Remote Sensing in Ecology and Conservation	https://doi.org/10.1111/aje.12497
S155	Jędrzejewski, W., Robinson, H. S., Abarca, M., Zeller, K. A., Velasquez, G., Paemelaere, E. A. D., Goldberg, J. F., Payan, E., Hoogesteijn, R., Boede, E. O., Schmidt, K., Lampo, M., Viloria, A. L., Carreño, R., Robinson, N., Lukacs, P. M., Nowak, J. J., Salom-Pe´Rez, R., Castañeda, F., Boron, V., & Quigley, H.	Estimating Large Carnivore Populations At Global Scale Based On Spatial Predictions Of Density And Distribution – Application To The Jaguar (Panthera Onca)	2018	PLOS ONE	https://doi.org/10.1109/ACCESS.2015.2487859
S156	Johnson, M. G., & Meyer, P. F.	Mechanical Advancing Handle That Simplifies Minirhizotron Camera Registration And Image Collection	1998	Journal of Environmental Quality	http://www.asprs.org/wp-content/uploads/2013/08/Bhaskaran.pdf
S157	Jokiel, P. L., Brown, E. K., Friedlander, A., Rodgers, S. K., & Smith, W. R.	Coral Reef Assessment And Monitoring Program (Cramp)	2000	Hawaii Coral Reef Initiative	https://www.srs.fs.fed.us/pubs/ja/ja_kline015.pdf

S158	Jolling, K., Vandeven, M., Van Den Eynden, J., Ameloot, M., & Van Kerkhove, E.	A Highly Reliable And Budget-Friendly Peltier-Cooled Camera For Biological Fluorescence Imaging Microscopy	2007	Journal of Microscopy	http://ijesc.org/upload/e112b11116bc4ca68a02830aaae80c88.Face%20Identification%20Using%20Micro%20Flying%20Robot.pdf
S159	Kaiser, C., Enzingmueller, L., & Schallner, R.	Analyzing The Temporal Development Of Brand-Related Social Media Photos	2018	GFK Verein	https://doi.org/10.1139/x04-103
S160	Kaiser, M. S., Lwin, K., Mahmud, M., Hajializadeh, D., Chaipimonplin, T., Sarhan, A., & Hossain, M. A.	Advances In Crowd Analysis For Urban Applications Through Urban Event Detection	2017	IEEE Transactions on Intelligent Transportation Systems	https://doi.org/10.1139/cjfas-2013-0103
S161	Kalantarian, H., Jedoui, K., Washington, P., & Wall, D. P.	A Mobile Game For Automatic Emotion-Labeling Of Images	2018	IEEE	https://doi.org/10.1007/s11119-013-9345-2
S162	Kang, J. S., Kim, C. S., Lee, Y. W., Cho, S. W., & Park, K. R.	Age Estimation Robust To Optical And Motion Blurring By Deep Residual CNN	2018	Symmetry	https://www.researchgate.net/profile/Sultana_Baby2/publication/318233556_The_potential_of_open-source_internet_GIS_as_an_in-house_and_out-reach_communication_interface_in_regional_environmental_management_exemplification_from_Phillip_Island_Victoria_Australiatitle/links/5b012ad2aca2720ba09728c0/The-potential-of-open-source-internet-GIS-as-an-in-house-and-out-reach-communication-interface-in-regional-environmental-management-exemplification-from-Phillip-Island-Victoria-Australiatitle.pdf
S163	Karaoglu, S., Liu, Y., Gevers, T., & Smeulders, A. W. M.	Point Light Source Position Estimation From RGB-D Images By Learning Surface Attributes	2017	IEEE Transactions on Image Processing	https://doi.org/10.1007/s11119-013-9322-9

S164	Kastek, M., Barela, J., Zyczkowski, M., Dulski, R., Trzaskawka, P., Firmanty, K., & Kucharz, J.	Evaluation Of Range Parameters Of The Cameras For Security System Protecting The Selected Critical Infrastructure Of Seaport	2012	SPIE	https://doi.org/10.7939/R3568H
S165	Katari, S., Wallach, M., Huebschman, M., Pantano, P. & Garner, H.	Fabrication And Evaluation Of A Near-Infrared Hyperspectral Imaging System	2009	Journal of Microscopy	http://hdl.handle.net/10945/60374
S166	Kaur, T.	Study Of Deep Learning Approaches To Face Detection And Recognition, Object Detection And Recognition	2018	University of Bridgeport	https://tigerprints.clemson.edu/all_theses/2663
S167	Kawashima, S., & Nakatan, M.	An Algorithm For Estimating Chlorophyll Content In Leaves Using A Video Camera	1998	Annals of Botany	http://doi.org/10.2134/jeq1998.00472425002700030031x
S168	Kellenberger, B., Marcos, D., & Tuia, D.	Detecting Mammals In Uav Images: Best Practices To Address A Substantially Timbalanced Dataset With Deep Learning	2018	Remote Sensing of Environment	https://doi.org/10.1016/j.fishres.2016.06.002
S169	Kellner, A., & Gramza, A.	Outdoor Recreation At The Wildland—Urban Interface: Examining Human Activity Patterns And Compliance With Dog Management Policies	2017	Natural Areas Journal	https://doi.org/10.1109/IVCNZ.2018.8634751
S170	Kipli, K.	Image Processing Mobile Application For Banana Ripeness Evaluation	2018	IEEE	https://doi.org/10.1134/S1021443714030080X
S171	Kirton, L. G., Nada, B., Khoo, V., & Phon, C.	Monitoring Populations Of Bioluminescent Organisms Using Digital Night Photography And Image Analysis: A Case Study Of The Fireflies Of The Selangor River, Malaysia	2012	Insect Conservation and Diversity	http://doi.org/10.1515/phys-2018-0114
S172	Klauder, K.	Between A Risk And A Hard Place: Scavenging Patterns And Habitat Selection Of Carnivores In The Subarctic	2018	University of Washington	https://dx.doi.org/10.1371%2Fjournal.pone.0098881

S173	Kline, D. E., Widoyoko, A., Wiedenbeck, J. K., & Araman, P. A.	Performance Of Color Camera Machine Vision In Automated Furniture Rough Mill Systems	1998	Forest Products Journal	https://doi.org/10.1007/s00359-005-0038-9
S174	Kline, D. E., Widoyoko, A., Wiedenbeck, J. K., & Araman, P. A.	Performance Of Color Camera Machine Vision In Automated Furniture Rough Mill Sysytems	1998	Forest Products Journal	https://doi.org/10.1139/x05-096
S175	Kloppenburg, C.	Detecting Leafy Spurge In Native Grassland Using Hyperspectral Image Analysis	2014	University of Lethbridge	https://doi.org/10.1002/nafm.10010
S176	Kong, S.	Robust Person And Vehicle Tracking For Intelligent Visual Surveillance	2008	University of Queensland	https://escholarship.org/uc/item/93r331v2
S177	Koylu, C., Zhao, C., & Shao, W.	Deep Neural Networks And Kernel Density Estimation For Detecting Human Activity Patterns From Geo-Tagged Images: A Case Study Of Birdwatching On Flickr	2019	International Journal of Geo-Information	https://doi.org/10.1111/j.1745-4581.2008.00132.x
S178	Krohner, J. M., & Ausband, D. E.	Associations Between Sympatric Apex Predators Across A Diverse Landscape	2018	Mammal Research	http://eprints.utar.edu.my/2663/1/IA-2017-1400092-1.pdf
S179	Kuenzer, C., Bluemel, A., Gebhardt, S., Vo Quoc, T., & Dech, S.	Remote Sensing Of Mangrove Ecosystems: A Review	2011	Remote Sensing	https://doi.org/10.1016/j.rse.2018.06.028
S180	Kumar, S., & Mittal G. S.	Textural Characteristics Of Five Microorganisms For Rapid Detection Using Image Processing	2008	Journal of Food Processing Engineering	https://doi.org/10.1007/s10661-011-2224-2
S181	Kurdoglu, O., & Kurdoglu, B. C.	Determining Recreational, Scenic, And Historical–Cultural Potentials Of Landscape Features Along A Segment Of The Ancient Silk Road Using Factor Analyzing	2010	Environ Monit Assess	https://doi.org/10.3168/jds.2015-9428

S182	Laliberte, A. S., & Ripple, W. J.	Automated Wildlife Counts From Remotely Sensed Imagery	2003	Wildlife Society Bulletin	http://www.jstor.org/stable/3784314
S183	Lang, S., Tiede, D., Maier, B., & Blaschke, T.	3D Forest Structure Analysis From Optical And Lidar Data	2006	Ambiência - Revista do Centro de Ciências Agrárias e Ambientais	https://doi.org/10.1111/j.1745-4530.2007.00207.x
S184	Langner, H. R., Bottger, H., & Schmidt, H.	A Special Vegetation Index For The Weed Detection In Sensor Based Precision Agriculture	2006	Envrionmental Monitoring and Assessment	https://hdl.handle.net/10133/3525
S185	Laroca, R., Severo, E., Zanlorensi, L. A., Oliveira, L. S., Gonc¸Alves, G. R., Schwartz, W. R., & Menotti, D.	A Robust Real-Time Automatic License Plate Recognition Based On The Yolo Detector	2018	IEEE	https://doi.org/10.1111/jipb.12117
S186	Larsona, C. L., Reeda, S. E., Merenlenderc, A. M., & Crooksa, K. R.	Accessibility Drives Species Exposure To Recreation In A Fragmented Urban T Reserve Network	2018	Landscape and Urban Planning	https://doi.org/10.5194/isprs-annals-IV-4-W3-63-2017
S187	Lebourgeois, V., Be´Gue´, A., Labbe´, S., Houle`S, M., & Martine, J. F.	A Light-Weight Multi-Spectral Aerial Imaging System For Nitrogen Crop Monitoring	2012	Precision Agriculture	https://doi.org/10.3390/rs3050878
S188	Lee, H., & Han, H.	Evaluation Of SSM/I And AMSR-E Sea Ice Concentrations In The Antarctic Spring Using KOMPSAT-1 EOC Images	2008	IEEE Transactions on Geoscience And Remote Sensing	https://doi.org/10.1007/s11119-013-9320-y
S189	Lee, K. C., & Son, Y. H.	Exploring Landscape Perceptions Of Bukhansan National Park According To The Degree Of Visitors' Experience	2017	Sustainability	https://conradsanderson.id.au/pdfs/suyu_kong_mphil_thesis_2008.pdf
S190	Lee, S. J., & Kim, Y.	In Vivo Visualization Of The Water-Refilling Process In Xylem Vessels Using X-Ray Micro-Imaging	2008	Annals of Botany	https://doi.org/10.1515/pac-2018-0908

S191	Leo, G. M.	Automating Riparian Health Assessment Using High-Resolution Remotely Sensed Imagery	2015	University of Manitoba	https://e-space.mmu.ac.uk/id/eprint/621286
S192	Levoy, M., Zhang, Z., & Mcdowall, I.	Recording And Controlling The 4D Light Field In A Microscope Using Microlensarrays	2009	Journal of Microscopy	https://doi.org/10.1109/IECON.2017.8216826
S193	Li, Y., & Liu, C.	Applications Of Multirotor Drone Technologies In Construction Management	2018	International Journal of Construction Management	https://doi-org.libproxy.clemson.edu/10.1080/15623599.2018.1452101
S194	Li, Y., Yang, P., Xu, T., Ren, S., Lin, X., Wei, R., & Xu, H.	CFD And Digital Particle Tracking To Assess Flow Characteristics In The Labyrinth Flow Path Of A Drip Irrigation Emitter	2008	Irrigation Science	https://doi.org/10.1007/s00271-008-0108-1
S195	Lien, J. J., Kanade, T., Cohn, J. F., & Li, C.	Detection, Tracking, And Classification Of Action Units In Facial Expression	2000	Robotics and Autonomous Sytems	https://doi.org/10.1016/j.rse.2014.07.016
S196	Lijun, C., & Kaiqi, H.	Video-Based Crowd Density Estimation And Prediction System For Wide-Area Surveillance	2013	China Communications	https://doi.org/10.1080/10942912.2016.1211143
S197	Lim, C. H., An, J. H., Jung, S. H., Nam, G. B., Cho, Y. C., Kim, N. S., & Lee, C. S.	Ecological Consideration For Several Methodologies To Diagnose Vegetation Phenology	2018	Ecological Research	https://doi.org/10.1007/s11284-017-1551-3
S198	Liu, F., Fang, P., Yao, Z., Fan, R., Pan, Z., Sheng, W., & Yang, H.	Recovering 6D Object Pose From Rgb Indoor Image Based On Two-Stage Detection Network With Multi-Task Loss	2018	Neurocomputing	https://doi.org/10.1007/s12206-019-0339-5
S199	Liu, J.	A Combined Method For Vegetation Classification Based On Visible Bands From UAV Images: A Case Study For Invasive Wild Parsnip Plants	2018	Queen's University	https://doi.org/10.1016/j.rse.2016.04.016

S200	Liu, J., & He, S.	6D Object Pose Estimation Based On 2D Bounding Box	2019	arXiv	https://doi.org/10.1075/ml.6.1.03gri
S201	Logeswari, V., Deepak, S., Narayanan, S. S., Manikandan, S., & Mohan Raj, S.	Yolo Intelligent Vision Based On Machine Learning	2018	International Journal of Intellectual Advancements and Research in Engineering Computations	https://doi.org/10.1007/s00271-008-0108-1
S202	Longmore, S. N., Collins, R. P., Pfeifer, S., Fox, S. E., Mulero-Pázmány, M., Bezombes, F., Goodwin, A., De Juan Ovelar, M., Knapen, J. H., & Wich, S. A.	Adapting Astronomical Source Detection Software To Help Detect Animals In Thermal Images Obtained By Unmanned Aerial Systems	2017	International Journal of Remote Sensing	https://doi.org/10.1093/aob/mcm312
S203	López, J. J., & Mulero-Pázmány, M.	Drones For Conservation In Protected Areas: Present And Future	2019	Drones	https://doi.org/10.1038/ejcn.2011.75
S204	López-Granados, F., Torres-Sánchez, J., Serrano-Pérez, A., De Castro, A. I., Mesas-Carrascosa, J., & Peña, J. M.	Early Season Weed Mapping In Sunflower Using Uav Technology: Variability Of Herbicide Treatment Maps Against Weed Tresholds	2016	Precision Agriculture	http://ecommons.txstate.edu/arp/296
S205	Lopez-Juarez, Rios-Cabrera, R., Hsieh, S. J., & Howarth, M.	A Hybrid Non-Invasive Method For Internal/External Quality Assessment Of Potatoes	2018	European Food Research and Technology	https://doi.org/10.1007/s10694-008-0072-6
S206	Lorbach, M., Poppe, R., Van Dam, E. A., Noldus, L. P. J. J., & Veltkamp, R. C.	Automated Recognition Of Social Behavior In Rats: The Role Of Feature Quality	2015	Image Analysis and Processing	https://doi.org/10.1007/s11119-012-9287-0
S207	Lorenza, R. D., Jacksonb, B. K., & Lanaganc, P. D.	A Timelapse Camera Dataset And Markov Model Of Dust Devil Activity At T Eldorado Playa, Nevada, USA	2018	Aeolian Research	https://doi.org/10.1007/s00249-009-0499-9
S208	Lougas, L.	Using Rapideye High Spatial Resolution Imagery In Mapping Shallow Coastal Water Benthic Habitats	2015	University of Tartu	https://doi.org/10.1016/j.cviu.2007.07.006

S209	Loy, C. C., Lin, D., Ouyang, W., Xiong, Y., Yang, S., Huang, Q., Zhou, D., Xia, W., Li, Q., Luo, P., Yan, J., Wang, J., Li, Z., Yuan, Y., Li, B., Shao, S., Yu, G., Wei, F., Ming, X., Chen, D., Zhang, S., Chi, C., Lei, Z., Li, S. Z., Zhang, H., Ma, B., Chang, H., Shan, S., Chen, X., Liu, W., Zhou, B., Li, H., Cheng, P., Mei, T., Kukharenko, A., Vasenin, A., Sergievskiy, N., Yang, H., Li, L., Xu, Q., Hong, Y., Chen, L., Sun, M., Mao, Y., Luo, S., Li, Y., Wang, R., Xie, Q., Wu, Z., Lu, L., Liu, Y., & Zhou, W.	Wider Face And Pedestrian Challenge 2018 Methods And Results	2018	arXiv	https://publications.polymtl.ca/2518/
S210	Luo, Z., Small, A., Dugan, L., & Lane, S.	Cloud Chaser: Real Time Deep Learning Computer Vision On Low Computing Power Devices	2018	arXiv	http://eprints.biblio.unitn.it/1758/
S211	Lysenko, V. S., Varduny, T. V., Kosenko, P. O., Kosenko, Y. V., Chugueva, O. I., Semin, L. V., Gorlachev, I. A., Tarasov, E. K., & Guskova, O. S.	Video Registration As A Method For Studying Kinetic Parameters Of Chlorophyll Fluorescence In Ficus Benjamina Leaves	2014	Russian Journal of Plant Physiology	https://doi.org/10.1016/j.aeolia.2018.04.003
S212	Madden, M., Zhao, H., Jordan, T. R., BlankenshipM M., Masour, J., Yang, H., & Corn, J. L.	Context-Aware Analysis, Geovisualization And Virtual Globes For Managing Earth Resources	2008	Center for Remote Sensing and Mapping Science at University of Georgia	https://doi.org/10.1007/s00216-017-0696-9
S213	Mansfield, J. R., Sowa, M. G., Majzels, C., Collins, C., Cloutis, E., & Mantsch, H. H.	Near Infrared Spectroscopic Reflectance Imaging: Supervised Vs. Unsupervised Analysis Using An Art Conservation Application	1999	Vibrational Spectroscopy	https://doi.org/10.1016/j.marpolbul.2008.06.008
S214	March, D., Alós, J., Cabanellas-Reboredo, M., Infantes, E., & Palmer, M.	Probabilistic Mapping Of Posidonia Oceanica Cover: A Bayesian Geostatistical Analysis Of Seabed Images	2013	Aquatic Botany	https://doi.org/10.1016/S0921-8890(99)00103-7
S215	Marcos, S. A., David, L., Peñaflor, E., Ticzon, V., & Soriano, M.	Automated Benthic Counting Of Living And Non-Living Components In Ngedarrak Reef, Palau Via Subsurface Underwater Video	2007	Environ Monit Assess	https://doi.org/10.1080/10942911003687223
S216	Martinsa, A. M., Abilioa, F. M., De Oliveiraa, P. G., Feltrina, R. P., De Limaa, F. S. A., Antonellia, P. D. O, Vilelaa, D. T., Smith III, C. G., Tidwella, C., Hamela,	Pondberry (Lindera Melissifolia, Lauraceae) Seed And Seedling Dispersers And Predators	2015	Global Ecology and Conservation	https://doi.org/10.1007/s10661-006-0768-3

	P., Devall, M., Connor, K., Leininger, T., Schiff, N., & Wilson, A. D.				
S217	Mason, P. S., Rogers, C. B., Fleischmann, C. M., Spearpoint, M., Mckinnon, A. E., & Unsworth, K.	Estimating Thermal Radiation Fields From 3D Flame Reconstruction	2008	Fire Technology	https://doi.org/10.1186/s13007-018-0324-5
S218	Massinon, M., Boukhalfa, H., & Lebeau, F.	The Effect Of Surface Orientation On Spray Retention	2014	Precision Agriculture	http://eprints.usq.edu.au/id/eprint/27364
S219	Mattila, H., Valli, P., Pahikkala, T., Teuhola, J., Nevalainen, O. S., & Tyystja¨Rvi, E.	Comparison Of Chlorophyll Fluorescence Curves And Texture Analysis For Automatic Plant Identification	2013	Precision Agriculture	https://dspace.library.uvic.ca//handle/1828/9380
S220	Matzke, A. J. M., & Matzke, M.	Expression And Testing In Plants Of Arclight, A Genetically-Encoded Voltage Indicator Used In Neuroscience Research	2015	MBS Plant Biology	https://arxiv.org/abs/1901.09366
S221	Mayerich, D., Abbott, L., & Mccormick, B.	Knife-Edge Scanning Microscopy For Imaging And Reconstruction Of Three-Dimensional Anatomical Structures Of The Mouse Brain	2008	Journal of Microscopy	http://ceur-ws.org/Vol-2259/aics_32.pdf
S222	Mccullough, C., Worthington, C., & Paradise, C. J.	Using Digital Macrophotography To Measure Biodiversity, Identify Insects, And Enhance Outreach And Education	2013	American Entomologist	https://doi.org/10.1083/jcb.200903097
S223	Mcfadden-Hiller, J. E., & Hiller, T. L.	Non-Invasive Survey Of Forest Carnivores In The Northern Cascades Of Oregon, USA	2015	Northwestern Naturalist	https://doi.org/10.3390/s18124272
S224	Mcgraw, J., & Warner, T. A.	Censusing And Modeling The Dynamics Of A Population Of Eastern Hemlock (Tsuga Canadensis L.) Using Remote Sensing	2014	Eberly College of Art and Sciences	https://doi.org/10.1111/j.1440-6055.2010.00803.x

S225	McRae, D. J., Jin, J. Z., Conard, S. G., Sukhinin, A. I., Ivanova, G. A., & Blake, T. W.	Infrared Characterization Of Fine-Scale Variability In Behavior Of Boreal Forest Fires	2005	Journal of Forest Research	http://hdl.handle.net/10012/10510
S226	Mehdizadeh, S. A., Neves, D. P., Tscharke, M., Nääs, I. A., & Banhazi, T. M.	Image Analysis Method To Evaluate Beak And Head Motion Of Broiler Chickens During Feeding	2015	Computers and Electronics in Agriculture	https://doi.org/10.1080/17538947.2016.1189612
S227	Meier, F., & Scherer, D.	Spatial And Temporal Variability Of Urban Tree Canopy Temperature During Summer 2010 In Berlin, Germany	2012	Theory & Applications in Climatology	https://doi.org/10.1002/aqc.2678
S228	Mendoza, F., Dejmek, P., & Aguilera, J. M.	Gloss Measurements Of Raw Agricultural Products Using Image Analysis	2010	Food Research International	https://doi.org/10.1007/s11284-018-1571-7
S229	Merkel, F. R., Johansen, K. L., & Kristensen, A. J.	Use Of Time-Lapse Photography And Digital Image Analysis To Estimate Breeding Success Of A Cliff-Nesting Seabird	2015	Journal of Field Ornithology	https://hdl.handle.net/1920/8267
S230	Meynberga, O., & Ho¨Flec, H. B,	Navigation In Dense Human Crowds Using Smartphone Trajectories And Optical Aerial Imagery	2014	Photogrammetric Computer Vision	https://doi.org/10.1145/2816795.2818097
S231	Mielewczik, M., Friedli, M., Kirchgessner, N., & Walter, A.	Diel Leaf Growth Of Soybean: A Novel Method To Analyze Two-Dimensional Leaf Expansion In High Temporal Resolution Based On A Marker Tracking Approach (Martrack Leaf)	2013	Plant Methods	https://doi.org/10.1016/j.compag.2015.03.017
S232	Miller, W. E.	Utilizing Facial Recognition Software To Record Classroom Attendance	2018	Auburn University	https://doi.org/10.1111/j.1365-2664.2007.01368.x
S233	Miller-Rushing, A. J., Primack, R. B., Ma, K., & Zhou, Z. Q.	A Chinese Approach To Protected Areas: A Case Study Comparison With The United States	2016	Biological Conservation	http://hdl.handle.net/1853/59421

S234	Mittermeier, J. C., Dutson, G., James, R. E., Davies, T. E., Tako, R., Albert, J. & Uy, C.	The Avifauna Of Makira (San Cristobal), Solomon Islands	2018	The Wilson Journal of Ornithology	https://doi.org/10.1016/j.landurbplan.2018.03.009
S235	Mohamad, M. M., Chaudhry, J., & Sapri, M.	Inverse Intensity Chromaticity Space-Based Feature Detection And Matching For Mobile Indoor Localization	2013	Des Sciences Journal	https://dx.doi.org/10.1371%2Fjournal.pone.0160439
S236	Moorhouse, D.	Hyper-Spectral Imaging For Airborne Meteorite Detection	2014	HySpex	https://doi.org/10.1007/s11119-013-9334-5
S237	Moritz, H. R.	Report #1: The Argus Beach Monitoring Station At The Mouth Of The Columbia River - North Head, WA	2004	US Army Corps of Engineers, Portland District	https://doi.org/10.1111/j.1467-8667.2012.00768.x
S238	Morrison, T., Keinath, D., Estes-Zumpf, W., Crall, J., & Stewart, C.	Individual Identification Of The Endagered Wyoming Toad Anaxyrus Baxteri And Implications For Monitoring Species Recovery	2016	Journal of Herpetology	http://rave.ohiolink.edu/etdc/view?acc_num=miami1484262106664526
S239	Mucha, D.	Acquiring An Improved Understanding Of Willmore Wilderness Park Visitors, Alberta, Canada	2013	University of Alberta	https://repozitorium.omikk.bme.hu/bitstream/handle/10890/1390/tezis_eng.pdf
S240	Muehlenbein, M. P., Ancrenaz, M., Sakong, R., Ambu, L., Prall, S., Fuller, G., & Raghanti, M. A.	Ape Conservation Physiology: Fecal Glucocorticoid Responses In Wild Pongo Pygmaeus Morio Following Human Visitation	2012	PLOS ONE	https://doi.org/10.1016/j.ijpharm.2010.02.027
S241	Muhar, A., Arnberger, A., & Brandenburg, C.	Methods For Visitor Monitoring In Recreational And Protected Areas: An Overview	2002	Monitoring and Management of Visitor Flows in Recreational and Protected Areas Conference Proceedings	https://doi.org/10.1109/FPL.2018.00088

S242	Muranaka, T., Kubota, S., & Oyama, T.	A Single-Cell Bioluminescence Imaging System For Monitoring Cellular Gene Expression In A Plant Body	2013	Plant Cell Physical	https://doi.org/10.1016/j.xphs.2017.12.016
S243	Murray, R. M., Day, J. C., Ingham, M. D., Williams B. C., Reder, L. J., & Williams, B. C.	Engineering Resilient Space Systems	2013	Keck Institute for Space Studies	https://doi.org/10.1109/ICCCSP.2018.8452864
S244	Nahirnick, N. K.	Long-Term Spatial-Temporal Eelgrass (Zostera Marina) Habitat Change (1932-2016) In The Salish Sea Using Historic Aerial Photography And Unmanned Aerial Vehicle	2015	University of Victoria	http://dx.doi.org/10.2112/09-1182.1
S245	Nakahara, H., Shimoda, M., & Sato, S.	A Demonstration Of Fpga-Based You Only Look Once Version2 (Yolov2)	2018	International Conference on Field-Programmable Logic and Applications	https://doi.org/10.1016/j.landurbplan.2017.05.010
S246	Nalluria, V. R., Schirgc, P., Gaod, X., Virdisd, A., Imanidisa, G., & Kuentza, M.	Different Modes Of Dynamic Image Analysis In Monitoring Of Pharmaceutical Dry Milling Process	2010	International Journal of Pharmaceutics	https://doi.org/10.1111/j.1365-2818.2008.02024.x
S247	Nawaratne, R., Bandaragoda, T., Adikari, A., Alahakoon, D., De Silva, D., & Yu, X.	Incremental Knowledge Acquisition And Self- Learning For Autonomous Video Surveillance	2017	IEEE	https://doi.org/10.3168/jds.2013-7534
S248	Neale, C. M. U., Jaworowski, C., Heasler, H., Sivarajan, S., & Masih, A.	Hydrothermal Monitoring In Yellowstone National Park Using Airborne Thermal Infrared Remote Sensing	2016	Remote Sensing of Environment	https://doi.org/10.1016/j.jenvman.2018.05.045
S249	Nelson, G. C., & Geoghegan, J.	Deforestation And Land Use Change: Sparse Data Environments	2002	Agricultural Economics	https://doi.org/10.1007/s10694-008-0041-0
S250	New, J. M.	Enabling Eidetic Memory Through Image Capturing And Tagging Using Google Vision API	2017	Universiti Tunku Abdul Rahman	https://doi.org/10.1016/j.scitotenv.2018.02.186

S251	Newmam, C. M.	Communicating The Pixel: A Strategy For Guiding The Use Of Remotely-Sensed Habitat Data In Coral Reef Management	2008	University of Waterloo	https://doi.org/10.3390/s18010081
S252	Nguyena, U., Glenna, E. P., Dangb, T. D., & Phamc, L. T. H.	Mapping Vegetation Types In Semi-Arid Riparian Regions Using Random Forest And Object-Based Image Approach: A Case Study Of The Colorado River Ecosystem, Grand Canyon, Arizona	2019	Ecological Informatics	https://doi.org/10.17221/121/2015-CJGPB
S253	Nicolla, R., Vick, C., Laffoley, D., Hajduk, T., Zuccarino-Crowe, C., Bianco, M., Russell, S., Flood, K., Parry, L., & Keenleyside, K.	MPAs, Aquatic Conservation And Connecting People To Nature	2016	Aquatic Conservation: Marine And Freshwater Ecosystems	http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.143.436&rep=rep1&type=pdf
S254	Nieto, P.	Classifying Benthic Habitats And Deriving Bathymetry At The Caribbean Netherlands Using Multispectral Imagery. Case Study Of St. Eustatius	2013	Wageningen University	https://doi.org/10.3390/w8120584
S255	Nigon, T. J., Mulla, D. J., Rosen, C. J., Cohen, Y., Alchanatis, V., & Rud, R.	Evaluation Of The Nitrogen Sufficiency Index For Use With High Resolution, Broadband Aerial Imagery In A Commercial Potato Field	2014	Precision Agriculture	http://etheses.dur.ac.uk/5907/
S256	Nyakabwa, I. N.	The Role Of Selected Social Media Platforms In Travel To Bwindi Impenetrable National Park, Uganda	2017	Clemson University	https://doi.org/10.1007/s10661-017-6004-5
S257	O'Loughlin, G.	An Assessment And Analysis of Dietary Practices of Irish Jockeys	2014	Dublin University School of Health and Human Performance	https://doi.org/10.1111/ens.12185
S258	Oikonomou, G., Trojacanec, P., Ganda, E. K., Bicalho, M. L. S., & Bicalho, R. C.	Association Of Digital Cushion Thickness With Sole Temperature Measured With The Use Of Infrared Thermography	2014	Journal of Dairy Sciences	https://doi.org/10.14358/PERS.72.7.799
S259	Okamoto, H., Murata, T., Kataoka, T., & Hata, S. I.	Plant Classification For Weed Detection Using Hyperspectral Imaging With Wavelet Analysis	2007	Weed Biology and Management	https://doi.org/10.3390/s17102309

S260	Oldenbourg, R.	Polarized Light Field Microscopy: An Analytical Method Using A Microlens Array To Simultaneously Capture Both Conoscopic And Orthoscopic Views Of Birefringent Objects	2008	Journal of Microscopy	https://core.ac.uk/download/pdf/160743379.pdf
S261	Ornelas, M. F. L.	The Mexican Water Forest: Benefits Of Using Remote Sensing Techniques To Assess Changes In Land Use And Land Cover	2016	University of San Francisco	https://doi.org/10.3390/s18113591
S262	Partel, V., Kakarla, S. C., & Ampatzidis, Y.	Development And Evaluation Of A Low-Cost And Smart Technology For Precision Weed Management Utilizing Artificial Intelligence	2018	Computers and Electronics in Agriculture	http://hdl.handle.net/1807/45736
S263	Pattena, M. A., & Burgerb, J. C.	Reserves As Double-Edged Sword: Avoidance Behavior In An Urban-Adjacent Wildland	2018	Biological Conservation	http://hdl.handle.net/10945/56868
S264	Paviotti, A.	Acquisition And Processing Of Multispectral Data For Texturing 3D Models	2005	Universita` Degli Studi Di Padova	https://doi.org/10.1016/j.ocecoaman.2017.01.022
S265	Pearce, W., Özkula, S. M., Greene, A. K., Teeling, L., Bansard, J. S., Omena, J. J., & Rabello, E. T.	Visual Cross-Platform Analysis: Digital Methods To Research Social Media Images	2018	Information, Communication & Society	http://hdl.handle.net/10919/37538
S266	Pei, K., Cao, Y., Yang, J., & Jana, S.	Towards Practical Verification Of Machine Learning: The Case Of Computer Vision Systems	2017	arXiv	https://doi.org/10.26206/wdx7-k192
S267	Perea-Moreno, A. J., Aguilera-Ureña, M. J., Meroño-De Larriva, J. E., & Manzano-Agugliaro, F.	Assessment Of The Potential Of Uav Video Image Analysis For Planning Irrigation Needs Of Golf Courses	2016	Water	https://doi.org/10.1093/icesjms/fsy066
S268	Petrelli, A.	Creating And Recognizing 3D Objects	2016	Università di Bologna	https://doi.org/10.1016/j.biocon.2016.11.003

S269	Pieniazek, F., & Messina, V.	Texture And Color Analysis Of Freeze-Dried Potato (Cv. Spunta) Using Instrumental And Image Analysis Techniques	2017	International Journal of Food Properties	https://doi.org/10.1111/j.1365-2818.2008.02074.x
S270	Pike, T. W.	Using Digital Cameras To Investigate Animal Colouration: Estimating Sensor Sensitivity Functions	2011	Behavioral Ecology & Sociobiology	https://doi.org/10.1016/j.infbeh.2018.11.004
S271	Piron, A., Van Der Heijden, F., & Destain, M. F.	Weed Detection In 3D Images	2011	Precision Agriculture	https://doi.org/10.1007/s11119-010-9205-2
S272	Pitkanen, J.	Individual Tree Detection In Digital Aerial Images By Combining Locally Adaptive Binarization And Local Maxima Methods	2001	Canadian Journal of Forest Resources	https://doi.org/10.1007/s11119-016-9494-1
S273	Polder, G., Van Der Heijden, G. W. A. M., Van Doorn, J., Clevers, J. G. P. W., Van Der Schoor, R., & Baltissen, A. H. M. C.	Detection Of The Tulip Breaking Virus (Tbv) In Tulips Using Optical Sensors	2010	Precision Agriculture	https://doi.org/10.3390/f8030063
S274	Poon, T. W. K., & Friesen, M. R.	Algorithms For Size And Color Detection Of Smartphone Images Of Chronic Wounds For Healthcare Applications	2015	Digital Object Identifier	https://doi.org/10.1080/07373937.2015.1100202
S275	Popić, U.	Two Approaches For Face Recognition With IOT Technologies	2018	Politecnico Di Milano	https://doi.org/10.1080/10498850.2010.508869
S276	Powell, W. G.	Identifying Land Use/Land Cover (Lulc) Using National Agriculture Imagery Program (Naip) Data As A Hydrologic Model Input For Local Flood Plain Management	2009	Texas State University	http://vuir.vu.edu.au/id/eprint/37815
S277	Power, H. E., Kinsela, M. A., Stringari, C. E., Kendall, M. J., Morris, B. D., & Hanslow, D. J.	Automated Sensing Of Wave Inundation Across A Rocky Shore Platform Using A Low-Cost Camera System	2017	Remote Sensing	https://doi.org/10.1117/12.974514

S278	Primicerio, J., Di Gennaro, S. F., Fiorillo, E., Genesio, L., Lugato, E., Matese, A., & Vaccari, F. P.	A Flexible Unmanned Aerial Vehicle For Precision Agriculture	2012	Precision Agriculture	http://hdl.handle.net/1993/30323
S279	Rabatel, G., & Labbé, S.	Registration Of Visible And Near Infrared Ummanned Aerial Vehicle Images Based On Fourier-Millin Transform	2016	Precision Agriculture	https://doi.org/10.1111/j.1095-8312.2007.00725.x
S280	Raber, M., Patterson, M., Jia, W., Sun, M., & Baranowski, T.	Utility Of Ebutton Images For Identifying Food Preparation Behaviors And Meal-Related Tasks In Adolescents	2018	Nutrition Journal	https://doi.org/10.1109/CVPRW.2017.135
S281	Rai, A.	Inferring Landscape Preferences From Social Media Using Data Science Techniques	2018	University of Illinois at Urbana-Champaign Graduate College	https://doi.org/10.1007/s13364-018-00411-4
S282	Raihan, J., & Kawakubo, N.	Nondestructive And Continuous Observation Of Nectar Volume Using Time-Interval Photography	2014	Plant Species Biology	https://doi.org/10.1016/j.compag.2015.11.002
S283	Ramani, S. K.	Facial Expression Detection Using Neural Network For Customer Based Service	2018	International Conference on Computer, Communication, and Signal Processing	https://doi.org/10.1016/j.apgeog.2010.01.009
S284	Ramnanan, R., Swanepoel, L. H., & Somers, M. J.	The Diet And Presence Of African Wild Dogs (Lycaon Pictus) On Private Iand In The Waterberg Region, South Africa	2013	South African Journal of Wildlife Research	http://researchspace.bathspa.ac.uk/1442/
S285	Rasmussen, J., Nørremark, M., & Bibbyà, B.	Assessment Of Leaf Cover And Crop Soil Cover In Weed Harrowing Research Using Digital Images	2007	Weed Research	https://dx.doi.org/10.1371%2Fjournal.pone.0194719
S286	Rastogi, A.	Teat Detection Algorithm: Yolo Vs. Haar-Cascade	2010	Journal of Mechanical Science and Technology	https://doi.org/10.1093/jee/tou015

S287	Rattanapichai, W., & Klem, K.	Two-Dimensional Root Phenotyping System Based On Root Growth On Black Filter Paper And Recirculation Micro-Irrigation	2016	Czech Journal of Genetics and Plant Breeding	https://doi.org/10.1093/aob/mcq138
S288	Rayment, W., Webster, T., Brough, T., Jowett, T., & Dawson, S.	Seen Or Heard? A Comparison Of Visual And Acoustic Autonomous Monitoring Methods For Investigating Temporal Variation In Occurrence Of Southern Right Whales	2018	Marine Biology	http://paduaresearch.cab.unipd.it/1306/1/PhDthesis_AnnaPaviotti.pdf
S289	Raza, M., Chen, Z., Rehman, S. U., Wang, P., & Wang, J. K.	Framework For Estimating Distance And Dimension Attributes Of Pedestrians In Real-Time Environments Using Monocular Camera	2017	Neurocomputing	https://scholarworks.bridgeport.edu/xmlui/bitstream/handle/123456789/3965/MS_thesis_Tanveen.pdf?sequence=3&isAllowed=y
S290	Redondi, A. E. C., Arcia-Moret, A., & Manzoni, P.	Towards A Scaled Iot Pub/Sub Architecture For 5G Networks: The Case Of Multiaccess Edge Computing	2019	arXiv	https://doi.org/10.1109/ACII.2009.5349358
S291	Reilly, M. L., Tobler, M. W., Sonderegger, D. L., & Beier, P.	Spatial And Temporal Response Of Wildlife To Recreational Activities In The San Francisco Bay Ecoregion	2016	Biological Conservation	http://www.edusoft.ro/brain/index.php/brain/article/view/862
S292	Reinert, S., Bögelein, R., & Thomas, F. M.	Use Of Thermal Imaging To Determine Leaf Conductance Along A Canopy Gradient In European Beech (Fagus Sylvatica)	2012	Tree Physiology	https://dx.doi.org/10.1371%2Fjournal.pone.0033357
S293	Reshitnyk, L., Costa, M., Robinson, C., & Dearden, P.	Evaluation Of Worldview-2 And Acoustic Remote Sensing For Mapping Benthic Habitats In Temperate Coastal Pacific Waters	2014	Remote Sensing of Environment	https://doi.org/10.1007/s10641-017-0692-0
S294	Reyes J. F., & Chang, L. E.	Location And Classification Of Moving Fruits In Real Time With A Single Color Camera	2009	Chilean Journal of Agriculture Research	https://doi.org/10.1007/s10661-017-6254-2
S295	Rhormens, M. S., Pedrini, A. D. G., & Ghilardi-Lopes, N. P.	Implementation Feasibility Of A Marine Ecotourism Product On The Reef Environments Of The Marine Protected Areas Of Tinharé And Boipeba Islands (Cairu, Bahia, Brazil)	2017	Ocean & Coastal Management	https://www.researchgate.net/profile/Saban_Kc2/publication/327930730_TOMATO_PLANT_DISEASES_DETECTION_SYSTEM_USING_IMAGE_PROCESSING/links/5bada15645851574f7ebdd24/TOMATO-PLANT-DISEASES-DETECTION-

					SYSTEM-USING-IMAGE-PROCESSING.pdf
S296	Richardson, A. D., Jenkins, J. P., Braswell, B. H., Hollinger, D. Y., Ollinger, S. V., & Smith, M. L.	Use Of Digital Webcam Images To Track Spring Green-Up In A Deciduous Broadleaf Forest	2007	Oecologia	http://hdl.handle.net/10292/12070
S297	Rieke-Zapp, D. H., & Nearing, M. A.	Digital Close Range Photogrammetry For Measurement Of Soil Erosion	2005	The Photogrammetric Record	https://doi.org/10.1016/j.biocon.2016.05.022
S298	Rieke-Zapp, D. H., & Nearing, M. A.	Digital Close Range Photogrammetry For Measurement Of Soil Erosion	2005	Photogrammetric Record	https://doi.org/10.21273/HORTSCI.37.4.669
S299	Rosen, S., Jörgensen, T., Hammersland-White, D., & Holst, J. C.	Deepvision: A Stereo Camera System Provides Highly Accurate Counts And Lengths Of Fish Passing Inside A Trawl	2013	Journal of Fish and Aquatic Sciences	https://scholars.unh.edu/thesis/420/
S300	Rovero, F., Rathbun, G. B., Perkin, A., Jones, T., Ribble, D. O., Leonard, C., Mwakisoma, R. R., & Doggart, N.	A New Species Of Giant Sengi Or Elephant-Shrew (Genus Rhynchocyon) Highlights The Exceptional Biodiversity Of The Udzungwa Mountains Of Tanzania	2007	Journal of Zoology	http://lup.lub.lu.se/luur/download?func=downloadFile&recordOId=8972341&fileOId=8972343
S301	Rudz, S. & Ro-Guillaume, O. S.	Metrological Tool For The Characterization Of Flame Fronts Based On The Coupling Of A Heat Flux Approach With Image Processing Data	2011	Fire Technology	https://doi.org/10.3168/jds.2017-13094
S302	Ruffieux, S., & Lalanne, D.	Iknowu – Exploring The Potential Of Multimodal Ar Smart Glasses For The Decoding And Rehabilitation Of Face Processing In Clinical Populations	2017	Human-Computer Interaction	https://doi.org/10.1898/1051-1733-96.2.107
S303	Rycroft, N., Radcliffe, K., & Atema, J.	A Photographic Method For Lobster Morphometry Aimed At Site Discrimination	2013	Journal of Fish and Aquatic Sciences	http://hdl.handle.net/10464/9290

S304	Rzotkiewicza, A., Pearsona, A. L., Doughertya, B. V., Shortridgea, A., & Wilsonc, N.	Systematic Review Of The Use Of Google Street View In Health Research: Major T Themes, Strengths, Weaknesses And Possibilities For Future Research	2018	Health & Place	https://doi.org/10.1007/s00227-015-2700-2
S305	Sabnis, G., Karade, S., & Sutar, S. H.	Passenger Count In Metro Rail Using Various Video And Image Processing Techniques	2019	Universal Review	https://doi.org/10.7717/peerj.4096
S306	Sadgrove, E. J., Falzon, G., Miron, D., & Lamb, D. W.	Real-Time Object Detection In Agricultural/Remote Environments Using The Multiple-Expert Colour Feature Extreme Learning Machine (Mec-Elm)	2018	Computers in Industry	https://doi.org/10.1111/j.1574-0862.2002.tb00117.x
S307	Sakamoto, T., Gitelson , A. A., Wardlow, B. D., Arkebauer, T. J., Verma, S. B., Suyker, A. E., & Shibayama, M.	Application Of Day And Night Digital Photographs For Estimating Maize Biophysical Characteristics	2012	Precision Agriculture	http://www.seas.ucla.edu/stenstro/d/d38.pdf
S308	Sang, J., Wu, Z., Guo, P., Hu, H., Xiang, H., Zhang, Q., & Cai, B.	An Improved Yolov2 For Vehicle Detection	2018	Sensors	https://doi.org/10.1109/TITS.2017.2771746
S309	Sathyanarayana, S., Satzoda, R. K., Sathyanarayana, S., & Thambipillai, S.	Vision-Based Patient Monitoring: A Comprehensive Review Of Algorithms And Technologies	2018	Journal of Ambient Intelligent Human Computing	https://doi.org/10.1007/s00227-007-0767-0
S310	Schlacher, T. A., & Morrison, J. M.	Beach Disturbance Caused By Off-Road Vehicles (ORVs) On Sandy Shores: Relationship With TrafFic Volumes And A New Method To Quantify Impacts Using Image-Based Data Acquisition And Analysis	2008	Marine Pollution Bulletin	https://arxiv.org/abs/1809.09875
S311	Seiferlinga, I., Naikc, N., Rattia, C., & Proulxb, R.	Green Streets − Quantifying And Mapping Urban Trees With Street-Level Imagery And Computer Vision	2017	Landscape and Urban Planning	https://doi.org/10.1177%2F0894439318791515
S312	Semaana, B., Servie`Resa, M., Moreaua, G., & Chebarob, B.	A Geographic Data Gathering System For Image Geolocalization Refining	2017	ISPRS Annals of the Photogrammetry	https://doi.org/10.1111/j.1365-2818.2007.01872.x

S313	Severtson, D., Callow, N., Flower, K., Neuhaus, A., Olejnik, M., & Nansen, C.	Unmanned Aerial Vehicle Canopy Reflectance Data Detects Potassium Deficiency And Green Peach Aphid Susceptibility In Canola	2016	Precision Agriculture	https://doi.org/10.1111/j.1365-2818.2006.01699.x
S314	Sharangpani, G. M., Joshi, A. S., Porter, K., Deshpande, A. S., Keyhani, S., Naik, G. A., Gholap, A. S., & Barsky, S. H.	Semi-Automated Imaging System To Quantitate Estrogen And Progesterone Receptor Immunoreactivity In Human Breast Cancer	2007	Journal of Microscopy	http://hdl.handle.net/10415/6181
S315	Sharma, S.	Design And Develop Autonomous UAV To Identify The Target With Precision	2018	Thapar Institute Of Engineering And Technology	http://hdl.handle.net/10724/27854
S316	Shaski, A., Taylor, C., Bouchard, C., Edwards, K., & Kehler, M.	Object Localization And Intelligent Vision Exploration Robot For Autonomous Agricultural Applications	2018	University of Manitoba	https://doi.org/10.1002/rse2.81
S317	Shindea, S., Kotharia, A., & Guptab, V.	Yolo Based Human Action Recognition And Localization	2018	Procedia Computer Science	https://doi.org/10.3390/rs10010011
S318	Shrestha, R.	Inventorying Trees In An Urban Landscape Using Small-Footprint Discrete Return Imaging Lidar	2011	Virginia Polytechnic Institute and State University	https://doi.org/10.1016/j.fishres.2018.02.024
S319	Signal, L. N., Smith, M. B., Barr, M., Stanley, J., Chambers, T. J., Zhou, J., Duane, A., Jenkin, G. L. S., Pearson, A. L., Gurrin, C., Smeaton, A. F., Hoek, J., & Mhurchu, C. N.	Kids'Cam: An Objective Methodology To Study The World In Which Children Live	2017	American Journal of Preventitive Medicine	https://doi.org/10.1111/j.1365-2818.2008.03100.x
S320	Simeunovic, A., & Husic, E.	Applying Object Recognition To Reduce False Alarms Triggered By Motion Detection In Video Surveillance	2018	Lund University	http://eprints.utar.edu.my/2486/1/IA-2017-1306455.pdf
S321	Singh, C. B., Jayas, D. S., Paliwal, J., & White, N. D. G.	Fungal Damage Detection In Wheat Using Short-Wave Near-Infrared Hyperspectral And Digital Colour Imaging	2012	International Journal of Food Properties	https://doi.org/10.1111/j.1365-2818.2008.02053.x

S322	Sona, G., Pinto, L., Pagliari, D., Passoni, D., & Gini, R.	Experimental Analysis Of Different Software Packages For Orientation And Digital Surface Modelling From UAV Images	2014	Earth Science Informatics	https://doi.org/10.1670/14-155
S323	Song, X., Bokkers, E., Van Der Tol, P., Koerkamp, P., & Van Mourik, S.	Automated Body Weight Prediction Of Dairy Cows Using 3-Dimensional Vision	2018	Journal of Dairy Sciences	http://universalreview.org/gallery/31-feb2019.pdf
S324	Soni, A.	Mobility Assistant For Visually Impaired (MAVI) On Cloud	2018	Indian Institute of Technology Delhi	https://doi.org/10.1007/s00704-012-0631-0
S325	Spies, M. J., Finaughty, D. A., & Gibbon, V. E.	Forensic Taphonomy: Scavenger-Induced Scattering Patterns In The Temperate Southwestern Cape, South Africa — A First Look	2018	Forensic Science International	https://doi.org/10.1006/anbo.1997.0544
S326	Spies, M. J., Gibbon, V. E., & Finaughty, D. A.	Forensic Taphonomy: Vertebrate Scavenging In The Temperate Southwestern Cape, South Africa	2018	Forensic Science International	https://doi.org/10.1002/1098-108X(198705)6:3%3C393::AID-EAT2260060309%3E3.0.CO;2-I
S327	Spoliansky, R., Edan, Y., Parmet, Y., & Halachmi, I.	Development Of Automatic Body Condition Scoring Using A Low-Cost 3-Dimensional Kinect Camera	2016	Journal of Dairy Sciences	https://doi.org/10.1016/j.neucom.2018.12.061
S328	Spyrou, E., Kalogianni, D., Tragoulias, S., Ioannou, P., & Christopoulos, T.	Digital Camera And Smartphone As Detectors In Paper-Based Chemiluminometric Genotyping Of Single Nucleotide Polymorphisms	2016	Analytical and Bioanalytical Chemistry	https://doi.org/10.1111/j.1095-8312.2008.01055.x
S329	Stanbrook, R.	The Scarabaeidae Dung Beetles Of The Aberdare National Park, Republic Of Kenya: Ecosystem Services And Factors Affecting Diversity And Abundance	2018	Manchester Metropolitan University	http://doi.org/10.6092/unibo/amsdottorato/7410
S330	Stevens, M., Párraga, C. A., Cuthill, I. C., Partridge, J. C., & Troscianko, T. S.	Using Digital Photography To Study Animal Coloration	2007	Biological Journal of the Linnean Society	https://doi.org/10.1117/12.2523087

S331	Stow, D., Hamada, Y., Coulter, L., & Anguelova, Z.	Monitoring Shrubland Habitat Changes Through Object-Based Change Identification With Airborne Multispectral Imagery	2008	Remote Sensing of Environment	https://doi.org/10.1111/cobi.12695
S332	Sucar, E., & Hayet, J. B.	Probabilistic Global Scale Estimation For Monoslam Based On Generic Object Detection	2017	CVF	https://doi.org/10.3168/jds.2015-10607
S333	Sugimoto, S., Nakajima, H., Kodo, K., Mori, J., Matsuo, K., Kosaka, K., Aoi, W., Yoshimoto, K., Ikegaya, H., & Hosoi, H.	Miglitol Increases Energy Expenditure By Upregulating Uncoupling Protein 1 Of Brown Adipose Tissue And Reduces Obesity In Dietary-Induced Obese Mice	2014	Nutrition & Metabolism	https://doi.org/10.3390/s18124308
S334	Suong, L. K., & Jangwoo, K.	Detection Of Potholes Using A Deep Convolutional Neural Network	2018	Journal of Universal Computer Science	http://hdl.handle.net/10589/139068
S335	Swanson, A., Kosmala, M., Lintott, C., & Packer, C.	A Generalized Approach For Producing, Quantifying, And Validating Citizen Science Data From Wildlife Images	2016	Conservation Biology	https://doi.org/10.1007/s11119-011-9246-1
S336	Swinnen, K. R. R., Reijniers, J., Breno, M., & Leirs, H.	A Novel Method To Reduce Time Investment When Processing Videos From Camera Trap Studies	2014	PLOS ONE	https://doi.org/10.1109/TGRS.2008.916479
S337	Syvitski, J. P. M., & Hutton, E. W. H.	In Sltu Characteristics Of Suspended Particlesas Determined By The Floc Camera Assembly FCA	1996	Journal of Sea Research	http://www.cse.iitd.ac.in/mavi/docs/thesis_akhil.pdf
S338	Taghadomi-Saberi, S., Omid, M., & Emam-Djomeh, Z.	Estimating Some Physical Properties Of Sour And Sweet Cherries Based On Combined Image Processing And AI Techniques	2014	International Journal of Food Engineering	https://doi.org/10.1007/s10661-007-0027-2
S339	Taylor, S. M., Blight, S. J., Desfosses, C. J., Steffe, A. S., Ryan, K. L., Denham, A. M., & Wise, B. S.	Thermographic Cameras Reveal High Levels Of Crepuscular And Nocturnal Shore-Based Recreational Fishing Effort In An Australian Estuary	2018	ICES Journal of Marine Science	https://doi.org/10.1007/s11119-013-9341-6

S340	Temel, D., Lee, J., & Alregib, G.	Cure-Or: Challenging Unreal And Real Environments For Object Recognition	2018	IEEE	https://doi.org/10.1111/1442-1984.12007
S341	Terkenli, t., & Kavroudakis, D.	A Stakeholders' Analysis Of Eastern Mediterranean Landscapes: Contextualities, Commonalities And Concerns	2017	Land	https://doi.org/10.1109/ICCOINS.2018.8510584
S342	Thomas, A., Chingombe, W., Ayuk, J., & Scheepers, T.	A Comprehensive Investigation Of The Kuils-Eerste River Catchments Water Pollution And Development Of A Catchment Sustainability Plan	2010	Water Research Commission	https://doi.org/10.1016/j.aquabot.2012.12.005
S343	Thompson, M., Lyons, A., Kumarasinghe, L., Peck, D. R., Kong, G., Shattuck, S., & La Salle, J.	Remote Microscopy: A Success Story In Australian And New Zealand Plant Biosecurity	2011	Australian Journal of Entomology	https://core.ac.uk/download/pdf/30934244.pdf
S344	Þorbjörnsson, J. G.	Impacts Of Scuba Divers In The Silfra Groundwater Fissure: Ecological Disturbance And Management	2015	Hólar University College	https://doi.org/10.3168/jds.2014-8969
S345	Tims, W.	New Approaches For Wilderness Perception Mapping: A Case Study From Vatnajökull National Park, Iceland	2014	University of Iceland	http://hdl.handle.net/1773/42362
S346	Tran, T. T. H., Avila-Acevedo, J. G., & Tsotsas, E.	Enhanced Methods For Experimental Investigation Of Single Droplet Drying Kinetics And Application To Lactose/Water	2016	Drying technology	https://digitalcommons.mtu.edu/etds/138
S347	Tripathi, S.	Improving Object Detection And Segmentation By Utilizing Context	2018	UC San Diego	https://doi.org/10.3375/043.037.0408
S348	Trpkovski, A.	Tourist Interest Mining From Online Hotel Photos	2018	Victoria University	https://doi.org/10.1016/j.rse.2018.07.029

S349	Uzun, E., Ho Chung, S. P., Essa, I., & Lee, W.	rtCaptcha: A Real-Time Captcha Based Liveness Detection System	2018	Network and Distributed Systems Security Symposium 2018	http://dx.doi.org/10.14722/ndss.2018.23253
S350	Valente, J., Sanz, D., Del Cerro, J., Barrientos, A., & De Frutos, M. A.	Near-Optimal Coverage Trajectories For Image Mosaicing Using A Mini Quad-Rotor Over Irregular-Shaped Fields	2013	Precision Agriculture	https://epubs.scu.edu.au/theses/304/
S351	Van Dongen, W. F. D., San Martin, R., Guay, P. J., & Weston, M. A.	A Comparison Of The Effectiveness And Time Efficiency Of Traditional And Photographic Environmental Monitoring Techniques	2017	Journal of Environmental Management	https://ui.adsabs.harvard.edu/abs/2009PhDT.....211G/abstract
S352	Van Poorten, B. T., & Brydle, S.	Estimating Fishing Effort From Remote Traffic Counters: Opportunities And Challenges	2018	Fisheries Research	https://doi.org/10.1002/1098-108X(198511)4:4%3C439::AID-EAT2260040405%3E3.0.CO;2-B
S353	Vasseur, F., Bresson, J., Wang, G., Schwab, R., & Weigel, D.	Image-Based Methods For Phenotyping Growth Dynamics And Fitness Components In Arabidopsis Thaliana	2018	Plant Methods	https://doi.org/10.1016/j.exptherm flusci.2017.03.018
S354	Venugopal, V.	Mangrove Mapping Around Mumbai And Its Change Detection Using Multi-Date Remotely Sensed Data	2002	Central Institute of Fisheries Education, Deemed University	https://doi.org/10.1007/s00217-017-2936-9
S355	Verschoren, V., Schoelynck, J., Buis, K., Visser, F., Merire, P., & Temmerman, S.	Mapping The Spatio-Temporal Distribution Of Key Vegetation Cover Properties In Lowland River Reaches, Using Digital Photogprahy	2017	Environmental Monitoring and Assessment	https://doi.org/10.1007/s11119-011-9232-7
S356	Vidanapathirana, M., Meegahapola, L., & Perera, I.	Cognitive Analysis Of 360 Degree Surround Photos	2017	Future Technologies Conference	https://doi.org/10.1139/x01-013
S357	Vidanapathirana, M., Meegahapola, L., & Perera, I.	Optimizing Cognitive Analysis Sensitivity Of Photospheres Using Cube Maps	2017	International Conference on Signal and Image Processing	https://pdfs.semanticscholar.org/d578/9e3369b241460a8e3a37dbb465958a5f4b92.pdf

S358	Vieira, A., Brandão, S., Monterio, A., Ajuda, I., & Stilwell, G.	Development And Validation Of A Visual Body Condition Scoring System For Dairy Goats With Picture-Based Training	2015	Journal of Dairy Sciences	http://dx.doi.org/10.3217/jucs-024-09-1244
S359	Villordon, A., & Carroll, H.	Digital Image Analysis Of Sweetpotato Storage Roots In Herbicide Trials	2002	Horticultural Science	https://doi.org/10.1007/s00271-014-0456-y
S360	Vincent, S. D.	Remote Sensing Of Invasive Species In Southwest Ohio	2016	Miami University	https://doi.org/10.1109/ACCESS.2018.2873617
S361	Vital, J. A.	Land Use/Cover Change Using Remote Sensing And Geographic Information Systems: Pic Macaya National Park, Haiti	2008	Michigan Tech University	https://doi.org/10.1109/IJCNN.2018.8489629
S362	Walden-Schreiner, C., Barros, A., Rossi, S. D., & Pickering, C.	Using Crowd-Sourced Photos To Assess Seasonal Patterns Of Visitor Use In Mountain-Protected Areas	2018	AMBIO	https://doi.org/10.1111/j.1365-2818.2009.03112.x
S363	Wang, J., Tse, N. C. F., Poon, T. Y., & Chan, J. Y. C.	A Practical Multi-Sensor Cooling Demand Estimation Approach Based On Visual, Indoor And Outdoor Information Sensing	2018	Sensors	https://doi.org/10.3390/computers5040021
S364	Wang, X., Singh, D., Marla, S., Morris, G., & Poland, J.	Field-Based High-Throughput Phenotyping Of Plant Height In Sorghum Using Different Sensing Technologies	2018	Plant Methods	https://doi.org/10.1016/j.foodres.2009.08.003
S365	Waters, J. C.	Accuracy And Precision In Quantitative Fluorescence Microscopy	2009	Journal of Cell Biology	https://doi.org/10.1111/j.1365-2818.2007.01764.x
S366	Watson, D. L., Harvey, E. S., Kendrick, G. A., Nardi, K., & Anderson, M. J.	Protection From Fishing Alters The Species Composition Of Fish Assemblages In A Temperate-Tropical Transition Zone	2007	Marine Biology	https://ui.adsabs.harvard.edu/link_gateway/2018arXiv180210367D/arxiv:1802.10367

S367	Weise, F. J., Vijay, V., Jacobson, A. P., Schoonover, R. F., Groom, R. J., Horgan, J., Keeping, D., Klein, R., Marnewick, K., Maude, G., Melzheimer, J., Mills, G., Van Der Merwe, V., Van Der Meer, E., Van Vuuren, R. J., Wachter, B., & Pimm, S. L.	The Distribution And Numbers Of Cheetah (Acinonyx Jubatus) In Southern Africa	2017	PeerJ	https://doi.org/10.1145/2816795.2818059
S368	Welkea, J. E., Hoeltza, M., Dottorib, H. A., & Nolla, I. B.	Quantitative Analysis Of Patulin In Apple Juice By Thin-Layer Chromatography Using A Charge Coupled Device Detector	2009	Food Additives and Contaminants	https://doi.org/10.1111/j.1745-4530.2006.00083.x
S369	Wells III, J. E.	Western Landscapes, Western Images: A Rephotography Of U.S. Highway 89	2006	Ohio University	https://www.learntechlib.org/primary/p/39767/
S370	Welzel, O., Boening, D., Stroebel, A., Reulbach, U., Klingauf, J., Kornhuber, J., & Groemer, T. W.	Determination Of Axonal Transport Velocities Via Image Cross- And Autocorrelation	2009	European Biophysical Societies' Association	https://doi.org/10.1007/s00704-012-0615-0
S371	Westlund, J. C., D'Mello, S. K., & Olney, A. M.	Motion Tracker: Camera-Based Monitoring Of Bodily Movements Using Motion Silhouettes	2015	PLOS ONE	https://doi.org/10.1016/j.jenvman.2017.01.050
S372	Winings, C. J.	Mapping Alpine Treeline With High Resolution Imagery And LiDAR Data In North Cascades National Park, Washington	2013	Western Washington University	https://doi.org/10.1007/s12145-013-0142-2
S373	Yamakita, T., Yokooka, H., Fujiwara, Y., Kawato, M., Tsuchida, S., Ishibashi, S., Kurokawa, T., & Fujikura, K.	Image Dataset Of Ophiuroid And Other Deep Sea Benthic Organisms In 2015 Extracted From The Survey Off Sanriku, Japan, By The Research Following The Great East Japan Earthquake 2011	2018	Ecological Research	https://doi.org/10.1186/s12870-015-0633-z
S374	Yan, S., Sayad, S., & Balke, S. T.	Image Quality In Image Classification: Design And Construction Of An Image Quality Database	2009	Computers and Chemical Engineering	https://doi.org/10.1007/s11119-016-9437-x
S375	Yang, B.	A Giscience Framework For Sustainable Development, Tourism And Management Of Coastal Barrier Islands In Georgia	2011	University of Georgia	https://doi.org/10.1016/j.forsciint.2018.06.015

S376	Yang, C. R.	The Use Of Video To Detect And Measure Pollen On Bees Entering A Hive	2017	Auckland University of Technology	https://www.nim.org/sites/default/files/medien/359/dokumente/gfk_verein_working_paper_confectionarycasestudy.pdf
S377	Yu, Q., Gong, P., Clinton, N., Biging, G., Kelly, M., & Schirokauer, D.	Object-Based Detailed Vegetation Classification With Airborne High Spatial Resolution Remote Sensing Imagery	2006	Photogrammetric Engineering and Remote Sensing	https://doi.org/10.3390/s8042161
S378	Yurova, N., Danchuk, A., Mobarez, S., Wongkaew, N., Rusanova, T., Baeummer, A., & Duerkop, A.	Functional Electrospun Nanofibers For Multimodal Sensitive Detection Of Biogenic Amines In Food Via A Simple Dipstick Assay	2018	Analytical and Bioanalytical Chemistry	https://doi.org/10.1007/s00267-008-9110-x
S379	Zakaluk, R., & Sri Ranjan, R.	Predicting The Leaf Water Potential Of Potato Plants Using RGB Reflectance	2008	Canadian Biosystems Engineering	https://doi.org/10.1676/16-194.1
S380	Zhang , L., Wei, L., Shen, P., Wei, W., Zhu, G., & Song, J.	Semantic Slam Based On Object Detection And Improved Octomap	2018	IEEE	https://doi.org/10.1007/s00267-013-0227-1
S381	Zhang, J., Delichatsios, M., & Colobert, M.	Assessment Of Fire Dynamics Simulator For Heat Flux And Flame Heights Predictions From Fires In SBI Tests	2008	Fire Technology	https://doi.org/10.1007/s11284-017-1551-3
S382	Zhang, R.	An Algorithm For Obstacle Detection Based On Yolo And Light Filed Camera	2018	International Conference on Sensing Technology	https://doi.org/10.1016/j.proenv.2015.03.021
S383	Zhang, X., Yang, W., Tang, X., & Liu, J.	A Fast Learning Method For Accurate And Robust Lane Detection Using Two-Stage Feature Extraction With Yolo V3	2018	Sensors	https://doi.org/10.33915/etd.1925
S384	Zhang, Z., Qie, G., Wang, C., Jiang, S., Li, X., & Li, M.	Relationship Between Forest Color Characteristics And Scenic Beauty: Case Study Analyzing Pictures Of Mountainous Forests At Sloped Positions In Jiuzhai Valley, China	2017	Forests	https://doi.org/10.1007/978-94-017-2923-9_38

S385	Zhao, K., & He, F.	Estimating Light Environment In Forests With A New Thresholding Method For Hemispherical Photography	2016	The Canadian Journal of Forest Research	https://doi.org/10.1016/j.biocon.2017.12.033
S386	Zhao, Y., Xiong, Y., & Lin, D.	Trajectory Convulsion For Action Recognition	2018	32nd Conference on Neural Information Processing Systems	https://doi.org/10.1007/s00249-009-0458-5
S387	Zheng, C., Sun, D., & Zheng, L.	Segmentation Of Beef Joint Images Using Histogram Thresholding	2006	Journal of Food Processing Engineering	https://edepot.wur.nl/274408
S388	Zhong, Y., Gao, J., Lei, Q., & Zhou, Y.	A Vision-Based Counting And Recognition System For Flying Insects In Intelligent Agriculture	2018	Sensors	https://arxiv.org/abs/1204.2294
S389	Zhu, Y., Deng, X., & Newsam, S.	Fine-Grained Land Use Classification At The City Scale Using Ground-Level Images	2018	IEEE Transactions on Multimedia	https://doi.org/10.1139/cjfas-2013-0124
S390	Zou, J., Yan, G., Zhu, L., & Zhang, W.	Woody-To-Total Area Ratio Determination With A Multispectral Canopy Imager	2009	Tree Physiology	http://hdl.handle.net/2097/13524
S391	Zubov, D.	A Smart City Assistive Infrastructure For The Blind And Visually Impaired People: A Thin Client Concept	2018	Broad Research in Artificial Intelligence and Neuroscience	https://doi.org/10.1109/WF-IoT.2019.8767268