

Supplement 1. Boolean search phrase used in Web of Science search.

TS=("coupled natural human system*" AND ("land cover" OR LULC OR "land cover")) OR
TS=("human environment interaction*" AND ("remote sensing" OR satellite)) OR TS(("remote
sensing" OR satellite) AND "socio-ecologic* system*") OR TS(("remote sensing" or satellite) AND
"global environmental change" AND "human") OR TS=("people and pixels")
*Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, BKCI-SSH, ESCI, CCR-EXPANDED,
IC Timespan=1999-2018*

Supplement 2. Corpus obtained from Web of Science search and used for bibliometric assessment.

1. Abou Karaki, N.; Fiaschi, S.; Closson, D. Sustainable development and anthropogenic induced geomorphic hazards in subsiding areas. *Earth Surface Processes and Landforms* 2016, 41, 2282-2295, doi:10.1002/esp.4047.
2. Acevedo, M.F.; Callicott, J.B.; Monticino, M.; Lyons, D.; Palomino, J.; Rosales, J.; Delgado, L.; Ablan, M.; Davila, J.; Tonella, G., et al. Models of natural and human dynamics in forest landscapes: Cross-site and cross-cultural synthesis. *Geoforum* 2008, 39, 846-866, doi:10.1016/j.geoforum.2006.10.008.
3. Bartlett, J.G.; Mageean, D.M.; O'Connor, R.J. Residential expansion as a continental threat to US coastal ecosystems. *Population and Environment* 2000, 21, 429-468, doi:10.1007/bf02436749.
4. Bennett, D.; McGinnis, D. Coupled and complex: Human-environment interaction in the Greater Yellowstone Ecosystem, USA. *Geoforum* 2008, 39, 833-845, doi:10.1016/j.geoforum.2007.05.009.
5. Biagetti, S.; Merlo, S.; Adam, E.; Lobo, A.; Conesa, F.C.; Knight, J.; Bekrani, H.; Crema, E.R.; Alcaina-Mateos, J.; Madella, M. High and Medium Resolution Satellite Imagery to Evaluate Late Holocene Human-Environment Interactions in Arid Lands: A Case Study from the Central Sahara. *Remote Sensing* 2017, 9, 21, doi:10.3390/rs9040351.
6. Bini, M.; Rossi, V.; Amorosi, A.; Pappalardo, M.; Sarti, G.; Noti, V.; Capitani, M.; Fabiani, F.; Gualandi, M.L. Palaeoenvironments and palaeotopography of a multilayered city during the Etruscan and Roman periods: early interaction of fluvial processes and urban growth at Pisa (Tuscany, Italy). *Journal of Archaeological Science* 2015, 59, 197-210, doi:10.1016/j.jas.2015.04.005.
7. Blaschke, T.; Hay, G.J.; Weng, Q.H.; Resch, B. Collective Sensing: Integrating Geospatial Technologies to Understand Urban Systems-An Overview. *Remote Sensing* 2011, 3, 1743-1776, doi:10.3390/rs3081743.
8. Breeze, P.S.; Groucutt, H.S.; Drake, N.A.; Louys, J.; Scerri, E.M.L.; Armitage, S.J.; Zalmout, I.S.A.; Memesh, A.M.; Haptari, M.A.; Soubhi, S.A., et al. Prehistory and palaeoenvironments of the western Nefud Desert, Saudi Arabia. *Archaeological Research in Asia* 2017, 10, 1-16, doi:10.1016/j.ara.2017.02.002.
9. Brook, M.M. Seeing the forest and the trees: Human-environment interactions in forest ecosystems. *Professional Geographer* 2006, 58, 359-360, doi:10.1111/j.1467-9272.2006.00573_2.x.

10. Castella, J.C.; Boissau, S.; Trung, T.N.; Quang, D.D. Agrarian transition and lowland-upland interactions in mountain areas in northern Vietnam: application of a multi-agent simulation model. *Agricultural Systems* 2005, 86, 312-332, doi:10.1016/j.agsy.2004.11.001.
11. Conesa, F.C.; Devanthery, N.; Balbo, A.L.; Madella, M.; Monserrat, O. Use of Satellite SAR for Understanding Long-Term Human Occupation Dynamics in the Monsoonal Semi-Arid Plains of North Gujarat, India. *Remote Sensing* 2014, 6, 11420-11443, doi:10.3390/rs61111420.
12. Conesa, F.C.; Madella, M.; Galiatsatos, N.; Balbo, A.L.; Rajesh, S.V.; Ajithprasad, P. CORONA Photographs in Monsoonal Semi-arid Environments: Addressing Archaeological Surveys and Historic Landscape Dynamics over North Gujarat, India. *Archaeological Prospection* 2015, 22, 75-90, doi:10.1002/arp.1498.
13. Coskun, H.G.; Alganci, U.; Usta, G. The role of remote sensing and GIS for security. In *Integration of Information for Environmental Security*, Coskun, H.G., Cigizoglu, H.K., Maktav, M.D., Eds. Springer: Dordrecht, 2008; pp. 337-351.
14. Dai, X.R.; Dearing, J.A.; Yu, L.Z.; Zhang, W.G.; Shi, Y.X.; Zhang, F.R.; Gu, C.J.; Boyle, J.F.; Coulthard, T.J.; Foster, G.C. The recent history of hydro-geomorphological processes in the upper Hangbu river system, Anhui Province, China. *Geomorphology* 2009, 106, 363-375, doi:10.1016/j.geomorph.2008.11.016.
15. Davies, T.; Everard, M.; Horswell, M. Community-based groundwater and ecosystem restoration in semi-arid north Rajasthan (3): Evidence from remote sensing. *Ecosystem Services* 2016, 21, 20-30, doi:10.1016/j.ecoser.2016.07.007.
16. Dearing, J.A.; Acma, B.; Bub, S.; Chambers, F.M.; Chen, X.; Cooper, J.; Crook, D.; Dong, X.H.; Dotterweich, M.; Edwards, M.E., et al. Social-ecological systems in the Anthropocene: The need for integrating social and biophysical records at regional scales. *Anthropocene Review* 2015, 2, 220-246, doi:10.1177/2053019615579128.
17. Dennis, R.A.; Mayer, J.; Applegate, G.; Chokkalingam, U.; Colfer, C.J.P.; Kurniawan, I.; Lachowski, H.; Maus, P.; Permana, R.P.; Ruchiat, Y., et al. Fire, people and pixels: Linking social science and remote sensing to understand underlying causes and impacts of fires in Indonesia. *Human Ecology* 2005, 33, 465-504, doi:10.1007/s10745-005-5156-z.
18. Dessie, G.; Kinlund, P. Khat expansion and forest decline in Wondo Genet, Ethiopia. *Geografiska Annaler Series B-Human Geography* 2008, 90B, 187-203, doi:10.1111/j.1468-0467.2008.00286.x.
19. Estoque, R.C.; Murayama, Y. Landscape pattern and ecosystem service value changes: Implications for environmental sustainability planning for the rapidly urbanizing summer capital of the Philippines. *Landscape and Urban Planning* 2013, 116, 60-72, doi:10.1016/j.landurbplan.2013.04.008.

20. Estoque, R.C.; Murayama, Y. Intensity and spatial pattern of urban land changes in the megacities of Southeast Asia. *Land Use Policy* 2015, 48, 213-222, doi:10.1016/j.landusepol.2015.05.017.
21. Fonji, S.F.; Taff, G.N. Using satellite data to monitor land-use land-cover change in North-eastern Latvia. *Springerplus* 2014, 3, 15, doi:10.1186/2193-1801-3-61.
22. Fox, J.; Vogler, J.B. Land-use and land-cover change in montane mainland southeast Asia. *Environmental Management* 2005, 36, 394-403, doi:10.1007/s00267-003-0288-7.
23. Furumo, P.R.; Aide, T.M. Characterizing commercial oil palm expansion in Latin America: land use change and trade. *Environmental Research Letters* 2017, 12, 12, doi:10.1088/1748-9326/aa5892.
24. Galletti, C.S.; Ridder, E.; Falconer, S.E.; Fall, P.L. Maxent modeling of ancient and modern agricultural terraces in the Troodos foothills, Cyprus. *Applied Geography* 2013, 39, 46-56, doi:10.1016/j.apgeog.2012.11.020.
25. Gatrell, J.D.; Jensen, R.R. *Geotechnologies in Place and the Environment*; Springer: Dordrecht, 2009; Vol. 1, pp. 1-3.
26. Gaughan, A.E.; Binford, M.W.; Southworth, J. Tourism, forest conversion, and land transformations in the Angkor basin, Cambodia. *Applied Geography* 2009, 29, 212-223, doi:10.1016/j.apgeog.2008.09.007.
27. Georgopoulou, I.A.; Kalivas, D.P.; Petropoulos, G.P. URBAN VEGETATION COVER EXTRACTION FROM HYPERSPECTRAL REMOTE SENSING IMAGERY AND GIS-BASED SPATIAL ANALYSIS TECHNIQUES: THE CASE OF ATHENS, GREECE. In *Proceedings of the 13th International Conference on Environmental Science and Technology*, Lekkas, T.D., Ed. Global Nest, Secretariat: Athens, 2013.
28. Griffiths, P.; Hostert, P. *Forest Cover Dynamics During Massive Ownership Changes - Annual Disturbance Mapping Using Annual Landsat Time-Series*; Springer: Dordrecht, 2015; Vol. 22, pp. 307-322.
29. Grunwald, S.; Thompson, J.A.; Boettinger, J.L. Digital Soil Mapping and Modeling at Continental Scales: Finding Solutions for Global Issues. *Soil Science Society of America Journal* 2011, 75, 1201-1213, doi:10.2136/sssaj2011.0025.
30. He, F.N.; Li, S.C.; Yang, F.; Li, M.J. Evaluating the accuracy of Chinese pasture data in global historical land use datasets. *Science China-Earth Sciences* 2018, 61, 1685-1696, doi:10.1007/s11430-018-9256-1.
31. Herrmann, S.M.; Sall, I.; Sy, O. People and pixels in the Sahel: a study linking coarse-resolution remote sensing observations to land users' perceptions of their changing environment in Senegal. *Ecology and Society* 2014, 19, 18, doi:10.5751/es-06710-190329.

32. Honda, Y.; Moriyama, M.; Hori, M.; Murakami, M.; Ono, A.; Kajiwara, K. POSSIBILITY OF GCOM-C1/SGLI FOR CLIMATE CHANGE IMPACTS ANALYZING. In *Networking the World with Remote Sensing*, Kajiwara, K., Muramatsu, K., Soyama, N., Endo, T., Ono, A., Akatsuka, S., Eds. Copernicus Gesellschaft Mbh: Gottingen, 2010; Vol. 38, pp. 542-546.
33. Honda, Y.; Moriyama, M.; Ono, A.; Kajiwara, K. A study on possibility of land vegetaflon obseirvation with SGLI/GCOM-C. In *Sensors, Systems, and Next-Generation Satellites Xi*, Meynart, R., Neeck, S.P., Shimoda, H., Habib, S., Eds. Spie-Int Soc Optical Engineering: Bellingham, 2007; Vol. 6744.
34. Honda, Y.; Moriyama, M.; Ono, Y.; Kajiwara, K.; Tanigawa, S.; Ieee. The Examination of Land products from GCOM-C1 / SGLI. In *2015 Ieee International Geoscience and Remote Sensing Symposium*, Ieee: New York, 2015; pp. 5099-5102.
35. Honda, Y.; Yamamoto, H.; Hori, M.; Murakami, H.; Kikuchi, N. The possibility of SGLI/GCOM-C for Global environment change monitoring. In *Sensors, Systems, and Next-Generation Satellites X*, Meynart, R., Neeck, S.P., Shimoda, H., Eds. Spie-Int Soc Optical Engineering: Bellingham, 2006; Vol. 6361.
36. Honda, Y.; Yamamoto, H.; Hori, M.; Murakami, H.; Kikuchi, N.; Ieee. Global environment monitoring using the next generation satellite sensor, SGLI/GCOM-C; Ieee: New York, 2005; pp. 4205-4207.
37. Hu, G.Y.; Dong, Z.B.; Lu, J.F.; Yan, C.Z. The developmental trend and influencing factors of aeolian desertification in the Zoige Basin, eastern Qinghai-Tibet Plateau. *Aeolian Research* 2015, 19, 275-281, doi:10.1016/j.aeolia.2015.02.002.
38. Hunter, L.M. People and pixels: Linking remote sensing and social science. *Contemporary Sociology-a Journal of Reviews* 1999, 28, 362-363, doi:10.2307/2654209.
39. Ishtiaque, A.; Shrestha, M.; Chhetri, N. Rapid Urban Growth in the Kathmandu Valley, Nepal: Monitoring Land Use Land Cover Dynamics of a Himalayan City with Landsat Imageries. *Environments* 2017, 4, 16, doi:10.3390/environments4040072.
40. Iwamura, T.; Lambin, E.F.; Silvius, K.M.; Luzar, J.B.; Fragoso, J.M.V. Agent-based modeling of hunting and subsistence agriculture on indigenous lands: Understanding interactions between social and ecological systems. *Environmental Modelling & Software* 2014, 58, 109-127, doi:10.1016/j.envsoft.2014.03.008.
41. Jahel, C.; Vall, E.; Rodriguez, Z.; Begue, A.; Baron, C.; Augusseau, X.; Lo Seen, D. Analysing plausible futures from past patterns of land change in West Burkina Faso. *Land Use Policy* 2018, 71, 60-74, doi:10.1016/j.landusepol.2017.11.025.

42. Jin, H.S.; Han, D. Multisensor Fusion of Landsat Images for High-Resolution Thermal Infrared Images Using Sparse Representations. *Mathematical Problems in Engineering* 2017, 10, doi:10.1155/2017/2048098.
43. Joshi, K.; Dharaiya, N. Assessment of Land Use Land Cover at Mining Areas in Panadhro, Kachchh using Remote Sensing and GIS. *Ambient Science* 2018, 5, 9-12, doi:10.21276/ambi.2018.05.2.ra01.
44. Judex, M.; Rohrig, J.; Linsoussi, C.; Thamm, H.P.; Menz, G. *Vegetation cover and land use change in Benin*; Springer-Verlag Berlin: Berlin, 2010; pp. 257-273.
45. Kant, Y.; Bharath, B.D.; Mallick, J.; Atzberger, C.; Kerle, N. Satellite-based Analysis of the Role of Land Use/Land Cover and Vegetation Density on Surface Temperature Regime of Delhi, India. *Journal of the Indian Society of Remote Sensing* 2009, 37, 201-214, doi:10.1007/s12524-009-0030-x.
46. Keramitsoglou, I.; Daglis, I.A.; Amiridis, V.; Chrysoulakis, N.; Ceriola, G.; Manunta, P.; Maiheu, B.; De Ridder, K.; Lauwaet, D.; Paganini, M. Evaluation of satellite-derived products for the characterization of the urban thermal environment. *Journal of Applied Remote Sensing* 2012, 6, 15, doi:10.1117/1.jrs.6.061704.
47. King, B.; Yurco, K.; Young, K.R.; Crews, K.A.; Shinn, J.E.; Eisenhart, A.C. Livelihood Dynamics Across a Variable Flooding Regime. *Human Ecology* 2018, 46, 865-874, doi:10.1007/s10745-018-0039-2.
48. Klepeis, P.; Vance, C. Neoliberal policy and deforestation in southeastern Mexico: An assessment of the PROCAMPO program. *Economic Geography* 2003, 79, 221-240.
49. Koglo, Y.S.; Agyare, W.A.; Diwediga, B.; Sogbedji, J.M.; Adden, A.K.; Gaiser, T. Remote Sensing-Based and Participatory Analysis of Forests, Agricultural Land Dynamics, and Potential Land Conservation Measures in Kloto District (Togo, West Africa). *Soil Systems* 2018, 2, 11, doi:10.3390/soilsystems2030049.
50. Leitao, P.J.; Schwieder, M.; Suess, S.; Okujeni, A.; Galvao, L.S.; van der Linden, S.; Hostert, P. Monitoring Natural Ecosystem and Ecological Gradients: Perspectives with EnMAP. *Remote Sensing* 2015, 7, 13098-13119, doi:10.3390/rs71013098.
51. Li, X.; Chen, G.Z.; Liu, X.P.; Liang, X.; Wang, S.J.; Chen, Y.M.; Pei, F.S.; Xu, X.C. A New Global Land-Use and Land-Cover Change Product at a 1-km Resolution for 2010 to 2100 Based on Human-Environment Interactions. *Annals of the American Association of Geographers* 2017, 107, 1040-1059, doi:10.1080/24694452.2017.1303357.
52. Liverman, D.M.; Cuesta, R.M.R. Human interactions with the Earth system: people and pixels revisited. *Earth Surface Processes and Landforms* 2008, 33, 1458-1471, doi:10.1002/esp.1715.

53. Lombardo, U.; Canal-Beeby, E.; Fehr, S.; Veit, H. Raised fields in the Bolivian Amazonia: a prehistoric green revolution or a flood risk mitigation strategy? *Journal of Archaeological Science* 2011, 38, 502-512, doi:10.1016/j.jas.2010.09.022.
54. Lombardo, U.; Denier, S.; May, J.H.; Rodrigues, L.; Veit, H. Human-environment interactions in pre-Columbian Amazonia: The case of the Llanos de Moxos, Bolivia. *Quaternary International* 2013, 312, 109-119, doi:10.1016/j.quaint.2013.01.007.
55. Lombardo, U.; May, J.H.; Veit, H. Mid- to late-Holocene fluvial activity behind pre-Columbian social complexity in the southwestern Amazon basin. *Holocene* 2012, 22, 1034-1045, doi:10.1177/0959683612437872.
56. MacLachlan, A.; Roberts, G.; Biggs, E.; Boruff, B. Subpixel land-cover classification for improved urban area estimates using Landsat. *International Journal of Remote Sensing* 2017, 38, 5763-5792, doi:10.1080/01431161.2017.1346403.
57. Maleki, S.; Soffianian, A.R.; Koupaei, S.S.; Pourmanafi, S.; Saatchi, S. Wetland restoration prioritizing, a tool to reduce negative effects of drought; An application of multicriteria-spatial decision support system (MC-SDSS). *Ecological Engineering* 2018, 112, 132-139, doi:10.1016/j.ecoleng.2017.12.031.
58. McCoy, M.D. The Race to Document Archaeological Sites Ahead of Rising Sea Levels: Recent Applications of Geospatial Technologies in the Archaeology of Polynesia. *Sustainability* 2018, 10, 22, doi:10.3390/su10010185.
59. Ming, Y.; Chen, D.W.; Huang, R.H.; Ai, T.H. A Dynamic Analysis of regional Land Use and Cover Changing (LUCC) by remote sensing and GIS -Taking Fuzhou Area as example. In *Advanced Environmental, Chemical, and Biological Sensing Technologies VII*, VoDinh, T., Lieberman, R.A., Gauglitz, G., Eds. *Spie-Int Soc Optical Engineering*: Bellingham, 2010; Vol. 7673.
60. Mohan, M.; Kandya, A. Impact of urbanization and land-use/land-cover change on diurnal temperature range: A case study of tropical urban airshed of India using remote sensing data. *Science of the Total Environment* 2015, 506, 453-465, doi:10.1016/j.scitotenv.2014.11.006.
61. Moon, Z.K.; Farmer, F.L. Deforestation Near Public Lands: An Empirical Examination of Associated Processes. *Society & Natural Resources* 2013, 26, 605-621, doi:10.1080/08941920.2012.719585.
62. Murthy, M.S.R.; Bajracharya, B.; Pradhan, S.; Shrestha, B.; Bajracharya, R.; Shakya, K.; Wesselman, S.; Ali, M.; Bajracharya, S. ADOPTION OF GEOSPATIAL SYSTEMS TOWARDS EVOLVING SUSTAINABLE HIMALAYAN MOUNTAIN DEVELOPMENT. In *Isprs Technical Commission VIII Symposium*, Dadhwal, V.K., Diwakar, P.G., Seshasai, M.V.R., Raju, P.L.N., Hakeem, A., Eds. *Copernicus Gesellschaft Mbh*: Gottingen, 2014; Vol. 40-8, pp. 1319-1324.

63. Nagendra, H.; Paul, S.; Pareeth, S.; Dutt, S. Landscapes of Protection: Forest Change and Fragmentation in Northern West Bengal, India. *Environmental Management* 2009, 44, 853-864, doi:10.1007/s00267-009-9374-9.
64. Nel, R.; Mearns, K.F.; Jordaan, M. Modelling informal Sand Forest harvesting using a Disturbance Index from Landsat, in Maputaland (South Africa). *Ecological Informatics* 2017, 39, 1-9, doi:10.1016/j.ecoinf.2017.02.005.
65. Ning, J.; Liu, J.Y.; Kuang, W.H.; Xu, X.L.; Zhang, S.W.; Yan, C.Z.; Li, R.D.; Wu, S.X.; Hu, Y.F.; Du, G.M., et al. Spatiotemporal patterns and characteristics of land-use change in China during 2010-2015. *Journal of Geographical Sciences* 2018, 28, 547-562, doi:10.1007/s11442-018-1490-0.
66. Nursamsi, I.; Komala, W.R. Assessment of the successfulness of mangrove plantation program through the use of open source software and freely available satellite images. *Nusantara Bioscience* 2017, 9, 251-259, doi:10.13057/nusbiosci/n090303.
67. Oguz, H. A Software Tool for Retrieving Land Surface Temperature from ASTER Imagery. *Tarim Bilimleri Dergisi-Journal of Agricultural Sciences* 2015, 21, 471-482.
68. Ossola, A.; Hopton, M.E. Measuring urban tree loss dynamics across residential landscapes. *Science of the Total Environment* 2018, 612, 940-949, doi:10.1016/j.scitotenv.2017.08.103.
69. Peng, J.; Liu, Y.H.; Shen, H.; Han, Y.; Pan, Y.J. Vegetation coverage change and associated driving forces in mountain areas of Northwestern Yunnan, China using RS and GIS. *Environmental Monitoring and Assessment* 2012, 184, 4787-4798, doi:10.1007/s10661-011-2302-5.
70. Perring, M.P.; Standish, R.J.; Price, J.N.; Craig, M.D.; Erickson, T.E.; Ruthrof, K.X.; Whiteley, A.S.; Valentine, L.E.; Hobbs, R.J. Advances in restoration ecology: rising to the challenges of the coming decades. *Ecosphere* 2015, 6, 25, doi:10.1890/es15-00121.1.
71. Pesaresi, M.; Ehrlich, D.; Florczyk, A.J.; Freire, S.; Julea, A.; Kemper, T.; Syrris, V.; Ieee. THE GLOBAL HUMAN SETTLEMENT LAYER FROM LANDSAT IMAGERY. In 2016 Ieee International Geoscience and Remote Sensing Symposium, Ieee: New York, 2016; pp. 7276-7279.
72. Pettorelli, N.; Chauvenet, A.L.M.; Duffy, J.P.; Cornforth, W.A.; Meillere, A.; Baillie, J.E.M. Tracking the effect of climate change on ecosystem functioning using protected areas: Africa as a case study. *Ecological Indicators* 2012, 20, 269-276, doi:10.1016/j.ecolind.2012.02.014.
73. Pettorelli, N.; Laurance, W.F.; O'Brien, T.G.; Wegmann, M.; Nagendra, H.; Turner, W. Satellite remote sensing for applied ecologists: opportunities and challenges. *Journal of Applied Ecology* 2014, 51, 839-848, doi:10.1111/1365-2664.12261.

74. Pettorelli, N.; Safi, K.; Turner, W. Satellite remote sensing, biodiversity research and conservation of the future. *Philosophical Transactions of the Royal Society B-Biological Sciences* 2014, 369, 5, doi:10.1098/rstb.2013.0190.
75. Pricope, N.G.; Gaughan, A.E.; All, J.D.; Binford, M.W.; Rutina, L.P. Spatio-Temporal Analysis of Vegetation Dynamics in Relation to Shifting Inundation and Fire Regimes: Disentangling Environmental Variability from Land Management Decisions in a Southern African Transboundary Watershed. *Land* 2015, 4, 627-655, doi:10.3390/land4030627.
76. Purkis, S.J.; Gardiner, R.; Johnston, M.W.; Sheppard, C.R.C. A half-century of coastline change in Diego Garcia - The largest atoll island in the Chagos. *Geomorphology* 2016, 261, 282-298, doi:10.1016/j.geomorph.2016.03.010.
77. Restrepo, A.M.C.; Yang, Y.R.; McManus, D.P.; Gray, D.J.; Giraudoux, P.; Barnes, T.S.; Williams, G.M.; Magalhaes, R.J.S.; Hamm, N.A.S.; Clements, A.C.A. The landscape epidemiology of echinococcoses. *Infectious Diseases of Poverty* 2016, 5, 13, doi:10.1186/s40249-016-0109-x.
78. Sagl, G.; Resch, B.; Blaschke, T. Contextual Sensing: Integrating Contextual Information with Human and Technical Geo-Sensor Information for Smart Cities. *Sensors* 2015, 15, 17013-17035, doi:10.3390/s150717013.
79. Smit, I.P.J.; Landman, M.; Cowling, R.M.; Gaylard, A. Expert-derived monitoring thresholds for impacts of megaherbivores on vegetation cover in a protected area. *Journal of Environmental Management* 2016, 177, 298-305, doi:10.1016/j.jenvman.2016.04.018.
80. Smith, W.; Meredith, T.C.; Johns, T. Exploring methods for rapid assessment of woody vegetation in the Batemi Valley, North-central Tanzania. *Biodiversity and Conservation* 1999, 8, 447-470, doi:10.1023/a:1008898331292.
81. Song, X.P.; Hansen, M.C.; Stehman, S.V.; Potapov, P.V.; Tyukavina, A.; Vermote, E.F.; Townshend, J.R. Global land change from 1982 to 2016. *Nature* 2018, 560, 639-+, doi:10.1038/s41586-018-0411-9.
82. Southworth, J.; Hartter, J.; Binford, M.W.; Goldman, A.; Chapman, C.A.; Chapman, L.J.; Omeja, P.; Binford, E. Parks, people and pixels: evaluating landscape effects of an East African national park on its surroundings. *Tropical Conservation Science* 2010, 3, 122-142, doi:10.1177/194008291000300202.
83. Tagil, S.; Gormus, S.; Cengiz, S. The Relationship of Urban Expansion, Landscape Patterns and Ecological Processes in Denizli, Turkey. *Journal of the Indian Society of Remote Sensing* 2018, 46, 1285-1296, doi:10.1007/s12524-018-0801-3.

84. Tan, P.Y.; Feng, Y.Q.; Hwang, Y.H. Deforestation in a tropical compact city (Part A) Understanding its socio-ecological impacts. *Smart and Sustainable Built Environment* 2016, 5, 47-72, doi:10.1108/sasbe-08-2015-0022.
85. Tanaka, S.; Nishii, R. Formulation of Spatio-Temporal Dataset for Human Population and Land-Use/Land-Cover Analysis on a Grid-Cell Basis. In *2012 4th International Conference on Environmental Science and Information Application Technology*, Chang, T., Ed. Information Engineering Research Inst, USA: Newark, 2013; Vol. 14, pp. 428-434.
86. Verburg, P.H.; Ellis, E.C.; Letourneau, A. A global assessment of market accessibility and market influence for global environmental change studies. *Environmental Research Letters* 2011, 6, 12, doi:10.1088/1748-9326/6/3/034019.
87. Vermeulen, F.; Pince, P.; Weekers, L.; De Dapper, M. Geoarchaeological study of abandoned Roman urban and suburban contexts from central Adriatic Italy. *Geoarchaeology-an International Journal* 2018, 33, 85-99, doi:10.1002/gea.21642.
88. Wang, Z.M.; Liu, Z.M.; Song, K.S.; Zhang, B.; Zhang, S.M.; Liu, D.W.; Ren, C.Y.; Yang, F. Land use changes in Northeast China driven by human activities and climatic variation. *Chinese Geographical Science* 2009, 19, 225-230, doi:10.1007/s11769-009-0225-7.
89. Wei, H.J.; Xu, Z.H.; Liu, H.M.; Ren, J.H.; Fan, W.G.; Lu, N.C.; Dong, X.B. Evaluation on dynamic change and interrelations of ecosystem services in a typical mountain-oasis-desert region. *Ecological Indicators* 2018, 93, 917-929, doi:10.1016/j.ecolind.2018.05.051.
90. Weng, Q.H. REMOTE SENSING OF IMPERVIOUS SURFACES IN THE URBAN AREAS: FROM PIXEL, SUB-PIXEL, OBJECT, TO HUMAN INTELLIGENCE; Hong Kong Polytechnic Univ, Fac Construction & Environment: Kowloon, 2010; pp. 663-667.
91. Weng, Q.H. Remote sensing of impervious surfaces in the urban areas: Requirements, methods, and trends. *Remote Sensing of Environment* 2012, 117, 34-49, doi:10.1016/j.rse.2011.02.030.
92. Wimberly, M.C.; Ohmann, J.L. A multi-scale assessment of human and environmental constraints on forest land cover change on the Oregon (USA) coast range. *Landscape Ecology* 2004, 19, 631-646, doi:10.1023/B:LAND.0000042904.42355.f3.
93. Wu, W.C. Land use and cover changes in the critical areas in Northwestern China. In *Remote Sensing for Agriculture, Ecosystems, and Hydrology V*, Owe, M., Durso, G., Moreno, J.F., Calera, A., Eds. Spie-Int Soc Optical Engineering: Bellingham, 2004; Vol. 5232, pp. 245-256.
94. Yan, H.M.; Liu, F.; Liu, J.Y.; Xiao, X.M.; Qin, Y.W. Status of land use intensity in China and its impacts on land carrying capacity. *Journal of Geographical Sciences* 2017, 27, 387-402, doi:10.1007/s11442-017-1383-7.

95. Yang, Y.Y.; Zhang, S.W.; Yang, J.C.; Xing, X.S.; Wang, D.Y. Using a Cellular Automata-Markov Model to Reconstruct Spatial Land-Use Patterns in Zhenlai County, Northeast China. *Energies* 2015, 8, 3882-3902, doi:10.3390/en8053882.
96. Yin, C.Y.; Shi, Y.S.; Wang, H.F.; Wu, J. Disaggregation of an Urban Population with M_IDW Interpolation and Building Information. *Journal of Urban Planning and Development* 2015, 141, 9, doi:10.1061/(asce)up.1943-5444.0000197.
97. Yin, W.D.; Yang, J. Sub-pixel vs. super-pixel-based greenspace mapping along the urban-rural gradient using high spatial resolution Gaofen-2 satellite imagery: a case study of Haidian District, Beijing, China. *International Journal of Remote Sensing* 2017, 38, 6386-6406, doi:10.1080/01431161.2017.1354266.
98. Zaccarelli, N.; Petrosillo, I.; Zurlini, G.; Riitters, K.H. Source/Sink Patterns of Disturbance and Cross-Scale Mismatches in a Panarchy of Social-Ecological Landscapes. *Ecology and Society* 2008, 13, 19.
99. Zhang, T.Y.; Ren, H.Z.; Qin, Q.M.; Zhang, C.Y.; Sun, Y.H. Surface Water Extraction From Landsat 8 OLI Imagery Using the LBV Transformation. *Ieee Journal of Selected Topics in Applied Earth Observations and Remote Sensing* 2017, 10, 4417-4429, doi:10.1109/jstars.2017.2719029.
100. Zurlini, G.; Riitters, K.H.; Zaccarelli, N.; Petrosillo, I. Patterns of disturbance at multiple scales in real and simulated landscapes. *Landscape Ecology* 2007, 22, 705-721, doi:10.1007/s10980-006-9055-5.
101. Zurlini, G.; Riitters, K.; Zaccarelli, N.; Petrosillo, I.; Jones, K.B.; Rossi, L. Disturbance patterns in a socio-ecological system at multiple scales. *Ecological Complexity* 2006, 3, 119-128, doi:10.1016/j.ecocom.2005.11.002.