ERLE C. ELLIS

Education

1990 Ph.D., Plant Biology, Cornell University
1986 A.B. Cum Laude, Biology, Cornell University

Current Position

Professor, Geography & Environmental Systems, University of Maryland, Baltimore County

Research Interests

Anthropocene, global ecology, landscape ecology, sustainable land management.

Experience in Higher Education

2000 –	University of Maryland, Baltimore County, Professor, Geography & Environmental Systems (Assistant 2000-2006, Associate 2006-2015).
2013 – 2016	Harvard University, Visiting Professor of Landscape Architecture, Graduate School of Design. Co-taught GSD 6241: Ecologies, Techniques, Technologies III
1997 – 2000	University of California, Santa Cruz, Research Associate, Environmental Studies
1995 – 1997	Cornell University, NSF Postdoctoral Fellow, Soil, Crop, & Atmospheric Sciences
1993 – 1995	Beijing Agricultural University, NSF Postdoctoral Fellow, Agroecology
1990 – 1991	Nanjing Agricultural University, Instructor, Foreign Languages
1986 – 1990	Cornell University, Teaching Assistant, Plant Biology

Other Professional Experience

2024 -	Chapter Author, Opportunities for Nature chapter, US National Nature Assessment.
2023 – 2024	Visiting Fellow, Martin School, University of Oxford.
2022 -	Lead Author, Chapter 2, Transformative Change Assessment of the Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES)
2017 -	Fellow, Scientific Steering Committee, Global Land Programme (GLP)
2009 - 2023	Member, Anthropocene Working Group, International Commission on Stratigraphy
2012 - 2017	Member, Scientific Steering Committee, Global Land Project (GLP SSC)
2011 - 2015	Member, User Working Group, Socioeconomic Data & Applications Center (SEDAC), NASA.
2006 – 2007	Visiting Professor Carnegie Institute of Washington, Stanford, Department of Global Ecology.
1999 – 2000	International Plant Genetic Resources Institute, Rome, Italy (IPGRI), Technical advisor.

Awards, Grants & Fellowships (*direct costs only*, not including indirect)

2023 – 2024	£39,450: Martin School Visiting Fellowship, School of Geography & Environment, University of Oxford, UK (Sabbatical 2023-2024).
2021 – 2024	Presidential Research Professor, UMBC.
2018 -	Global Highly Cited Researcher (2018 - ; Cross Field, Clarivate Analytics).
2019	Innovation in Sustainability Science Award, Ecological Society of America.
2017	€16,000: Fondazione Cassa di Risparmio di Padova e Rovigo Visiting Professor at the Department of Land, Environment, Agriculture and Forestry (TESAF) of the University of Padova, Italy (4 months; May to August 2017).

2012 - 2015	$631,203: National Science Foundation (DBI 1147089), PI, "ABI Development: Ecosynth: An Advanced Open-Source 3D Toolkit for Forest Ecology".
2011 - 2015	$1,288,474: National Science Foundation (CNS), PI, "CDI-Type II: GLOBE: Evolving New Global Workflows for Land Change Science".
2012	Senior Fellow, The Breakthrough Institute
2011 - 2012	$27,973: U.S. Forest Service, sole PI, "Forest structure measurements using multispectral Terrestrial LIDAR Scanning".
2011 – 2011	$15,000: U.S. National Academy of Sciences, sole PI (Professional Services Agreement) "Anthrome Analysis Tools for Geo-Web Uses".
2010 – 2011	$26,000: UMBC Research Seed Funding Initiative (RSFI), PI, "Act Locally, Understand Globally: Prototyping the Global Comparison Engine at UMBC".
2010 – 2011	$27,040: U.S. Forest Service, sole PI, "Spectral and 3D Structural Remote Sensing of Land Cover Features at the Wildland-Urban Interface Using Computer Vision.
2007 – 2009	$39,000: U.S. Geological Survey, PI, "Wild Bird and Poultry Interactions: Modeling Avian Influenza".
2006 – 2010	$25,000: U.S. Forest Service, sole PI, "Mapping and Classifying Relationships Between Vegetation and Built Structures at High Spatial Resolutions.
2007 – 2008	$38,145: National Science Foundation (OISE 0713027), PI, "Tracking Bar-headed Geese from Qinghai Province, China Using Satellite Telemetry
2000 – 2006	$643,140: National Science Foundation (DEB 0075617), sole PI, "Long-term Biogeochemical Changes in China's Anthropogenic Landscapes".
2002 – 2004	$8,000: National Forest Service, Co-PI, "Watershed 263 Project".
1995 – 1997	$55,000: National Science Foundation (OISE 9523944), Postdoctoral Fellow & PI.
1993 – 1995	$69,600: National Science Foundation (DEB 9303261), Postdoctoral Fellow & PI.

Postdoctoral Researchers

Nicholas Magliocca (2013–2014, NSF-funded), Junxi Wu (2007–2009, funded jointly by USFS and USGS), Kui Peng (2005-2006, NSF-funded), Hongsheng Xiao (2005-2006, NSF-funded), Hongqing Wang (2001-2004, NSF-funded).

Ph.D. Students

Completed: Adam Dixon (Chair, Spring 2020; UMBC GES), Sam Dupre (Member, Fall 2018; UMBC GES), Jared Margulies (Chair, Fall 2017; UMBC GES), Jonathan Dandois (Chair, August 2014; UMBC GES/IGERT), Nicholas Magliocca (Chair, December 2012 ; UMBC GES/IGERT), Kees Klein Goldewijk (External Member, December 2012; VU University, Netherlands), Diann Prosser (Chair, August 2012; UMCP MEES Environmental Science), Jiaguo Jiao (External Member, June 2008, Institute of Soil Science, Chinese Academy of Sciences, Nanjing), Junxi Wu (External Member, June 2007, Department of Agronomy & Agroecology, China Agricultural University, Beijing), Kui Peng (External Member, January 2005, Institute of Geography & Natural Resources Research, Chinese Academy of Sciences, Beijing).
In progress:

M.S. Students

Completed: Jason Chang (Chair, UMBC GES, Fall 2017), Lindsey Gordon (Chair, UMBC GES, Spring 2015), Erica Antill (Member; Spring 2011; GES, UMBC), Yu Wang (Member; Spring 2011; Computer Science, UMBC), Jonathan R. Bronson (Member; Summer 2008; Computer Science, UMBC).
In progress:

Undergraduate Students

NSF Research Experience for Undergraduates (REU) Mentor. Jacob Czawlytko (2015), Jason Chang (2014), Lindsey Gordon (2013), Michael Glassman (2012), Stephen Gienow (2012), Brandon Cottom (2012), Erik Anderson (2012; BES), Evan Roberts (2010; BES), Scott Sener (2008; BES), Gwen

Stanko (2006; BES), Mike McNey (2006), Jonathan Myers (2005), Dominic Cilento (2004), Jonathan Dandois (2003), Kevin Klingebiel (2002).
Funded Research Assistants. Tom Hunt (2019)**,** Santiago Munevar Garcia (2018), Alexa Thornton (2018), Jeremy Powell (2018), Labeeb Ahmed (2015; GES). Lindsay Digman (2013; ENME), Shane McFaul (2013-2014; GES), Gailynn Brice (2013; GES), Joseph Milligan (2013; GES), Ilan Segal (2013), Stephen Gienow (2012-2013; ENME), Dana Boyd (2012-2013), Terrence Seneschal (2012-2013; CSEE) William Bierbower (2012; CSEE), Darryl Wise (2012; GES), Natalie Cheetoo (2012), Maeve Tilly (2012), Matthew Gregory (2012), Marissa Lenoce (2012), Andrew Bofto (2011; USFS), Katelynn Billings (2009; URAS), Stephanie Pully (2009; URAS), Chris Fricke (2007; NSF), Kevin Sigwart (2002-2003), Kevin Klingebiel (2001- 2002), Michael Leonard (2001).
Independent Study/Research Internships. Alexa White (2013), Dana Boswell (2012), Maeve Tilly (2012), Laureen Echiverri (2011)**,** Ashley Ryan (2011), Kelly Kennedy (2008), Andrew Petit de Mange (2008), Jeyan Jebaraj (2005), Dominic Cilento (2004), Ian Craig (2004), Jonathan Dandois (2003), Kevin Sigwart(2003), Eileen Farrington (2003), Denise Messier (2002), Jessica Lackey(2001), Marshal White (2001), Kevin Klingebiel (2001).

Courses Taught at UMBC

GES 120	Environmental Science and Conservation
GES 305	Landscape Ecology
GES 400/600	Global Ecology of the Human Biosphere
GES 405/605	Applied Landscape Ecology
GES 412/612	Biogeochemical Cycles in the Global Environment
GES 485/685	Field Methods in Geography: Environmental Mapping of Local Landscapes

Publications, Peer-Reviewed

Books

Ellis, E.C. 2018. *Anthropocene: A Very Short Introduction*. Oxford University Press, Oxford. (Translations in French, Spanish, German, Italian)

Articles

Edgeworth, M., A. M. Bauer, E. C. Ellis, S. C. Finney, J. L. Gill, P. L. Gibbard, M. Maslin, D. J. Merritts, and M. J. C. Walker. 2024. The Anthropocene Is More Than a Time Interval. *Earth's Future* 12:e2024EF004831.

Walker, M. J. C., A. M. Bauer, M. Edgeworth, E. C. Ellis, S. C. Finney, P. L. Gibbard, and M. Maslin. 2024. The Anthropocene is best understood as an ongoing, intensifying, diachronous event. *Boreas* 53:1-3.

Watson, J. E. M., E. C. Ellis, R. Pillay, B. A. Williams, and O. Venter. 2023. Mapping Industrial Influences on Earth's Ecology. *Annual Review of Environment and Resources* 48:289-317.

Ellis, E. C. 2023. The Anthropocene Condition: Evolving through Social-Ecological Transformations. *Philosophical Transactions of the Royal Society B: Biological Sciences* 379(1893):20220255.

Delavaux, C. S., J. A. LaManna, J. A. Myers, R. P. Phillips, S. Aguilar, D. Allen, A. Alonso, K. J. Anderson-Teixeira, M. E. Baker, J. L. Baltzer, P. Bissiengou, M. Bonfim, N. A. Bourg, W. Y. Brockelman, D. F. R. P. Burslem, L.-W. Chang, Y. Chen, J.-M. Chiang, C. Chu, K. Clay, S. Cordell, M. Cortese, J. d. Ouden, C. Dick, S. Ediriweera, E. C. Ellis, A. Feistner, A. L. Freestone, T. Giambelluca, C. P. Giardina, G. S. Gilbert, F. He, J. Holík, R. W. Howe, W. H. Huasca, S. P. Hubbell, F. Inman, P. A. Jansen, D. J. Johnson, K. Kral, A. J. Larson, C. M. Litton, J. A. Lutz, Y. Malhi, K. McGuire, S. M. McMahon, W. J. McShea, H. Memiaghe, A. Nathalang, N. Norden, V. Novotny, M. J. O'Brien, D. A. Orwig, R. Ostertag, G. G. Parker, R. Pérez, G. Reynolds, S. E. Russo, L. Sack, P. Šamonil, I. F. Sun, M. E. Swanson, J. Thompson, M. Uriarte, J. Vandermeer, X. Wang, I. Ware, G. D. Weiblen, A. Wolf, S.-H. Wu, J. K. Zimmerman, T. Lauber, D. S. Maynard, T. W. Crowther, and C. Averill. 2023. Mycorrhizal feedbacks influence global forest structure and diversity. *Communications Biology* 6(1):1066.

Shen, X., M. Liu, J. O. Hanson, J. Wang, H. Locke, J. E. M. Watson, E. C. Ellis, S. Li, and K. Ma. 2023. Countries' differentiated responsibilities to fulfill area-based conservation targets of the Kunming-Montreal Global Biodiversity Framework. *One Earth* 6(5):548-559.

Dixon, A. P., M. E. Baker, and E. C. Ellis. 2023. Passive monitoring of avian habitat on working lands. *Ecological Applications* 33(5):e2860.

Meng, Z., J. Dong, E. C. Ellis, G. Metternicht, Y. Qin, X.-P. Song, S. Löfqvist, R. D. Garrett, X. Jia, and X. Xiao. 2023. Post-2020 biodiversity framework challenged by cropland expansion in protected areas. *Nature Sustainability* doi: 10.1038/s41893-023-01093-w.

Merritts, D., L. E. Edwards, E. Ellis, M. Walker, S. Finney, P. Gibbard, J. L. Gill, M. Maslin, A. Bauer, M. Edgeworth, and W. Ruddiman. 2023. Response to Waters et al. (2022) The Anthropocene is complex. Defining it is not. *Earth-Science Reviews* 238:104340.

Halpern, B. S., C. Boettiger, M. C. Dietze, J. A. Gephart, P. Gonzalez, N. B. Grimm, P. M. Groffman, J. Gurevitch, S. E. Hobbie, K. J. Komatsu, K. J. Kroeker, H. J. Lahr, D. M. Lodge, C. J. Lortie, J. S. S. Lowndes, F. Micheli, H. P. Possingham, M. H. Ruckelshaus, C. Scarborough, C. L. Wood, G. C. Wu, L. Aoyama, E. E. Arroyo, C. A. Bahlai, E. E. Beller, R. E. Blake, K. S. Bork, T. A. Branch, N. E. M. Brown, J. Brun, E. M. Bruna, L. B. Buckley, J. L. Burnett, M. C. N. Castorani, S. H. Cheng, S. C. Cohen, J. L. Couture, L. B. Crowder, L. E. Dee, A. S. Dias, I. J. Diaz-Maroto, M. R. Downs, J. C. Dudney, E. C. Ellis, K. A. Emery, J. G. Eurich, B. E. Ferriss, A. Fredston, H. Furukawa, S. A. Gagné, S. R. Garlick, C. J. Garroway, K. M. Gaynor, A. L. González, E. M. Grames, T. Guy-Haim, E. Hackett, L. M. Hallett, T. K. Harms, D. E. Haulsee, K. J. Haynes, E. L. Hazen, R. M. Jarvis, K. Jones, G. S. Kandlikar, D. W. Kincaid, M. L. Knope, A. Koirala, J. Kolasa, J. S. Kominoski, J. Koricheva, L. T. Lancaster, J. A. Lawlor, H. E. Lowman, F. E. Muller-Karger, K. E. A. Norman, N. Nourn, C. C. O'Hara, S. X. Ou, J. L. Padilla-Gamino, P. Pappalardo, R. A. Peek, D. Pelletier, S. Plont, L. C. Ponisio, C. Portales-Reyes, D. B. Provete, E. J. Raes, C. Ramirez-Reyes, I. Ramos, S. Record, A. J. Richardson, R. Salguero-Gómez, E. V. Satterthwaite, C. Schmidt, A. J. Schwartz, C. R. See, B. D. Shea, R. S. Smith, E. R. Sokol, C. T. Solomon, T. Spanbauer, P. V. Stefanoudis, B. W. Sterner, V. Sudbrack, J. D. Tonkin, A. R. Townes, M. Valle, J. A. Walter, K. I. Wheeler, W. R. Wieder, D. R. Williams, M. Winter, B. Winterova, L. C. Woodall, A. S. Wymore, and C. Youngflesh. 2023. Priorities for synthesis research in ecology and environmental science. *Ecosphere* 14:e4342.

Friedman, K., P. Bridgewater, V. Agostini, T. Agardy, S. Arico, F. Biermann, K. Brown, I. D. Cresswell, E. C. Ellis, P. Failler, R. E. Kim, C. Pratt, J. Rice, V. S. Rivera, and L. Teneva. 2022. The CBD Post-2020 biodiversity framework: People's place within the rest of nature. *People and Nature* 4:1475–1484.

Mehrabi, Z., R. Delzeit, A. Ignaciuk, C. Levers, G. Braich, K. Bajaj, A. Amo-Aidoo, W. Anderson, R. A. Balgah, T. G. Benton, M. M. Chari, E. C. Ellis, N. Z. Gahi, F. Gaupp, L. A. Garibaldi, J. S. Gerber, C. M. Godde, I. Grass, T. Heimann, M. Hirons, G. Hoogenboom, M. Jain, D. James, D. Makowski, B. Masamha, S. Meng, S. Monprapussorn, D. Müller, A. Nelson, N. K. Newlands, F. Noack, M. Oronje, C. Raymond, M. Reichstein, L. H. Rieseberg, J. M. Rodriguez-Llanes, T. Rosenstock, P. Rowhani, A. Sarhadi, R. Seppelt, B. S. Sidhu, S. Snapp, T. Soma, A. H. Sparks, L. Teh, M. Tigchelaar, M. M. Vogel, P. C. West, H. Wittman, and L. You. 2022. Research priorities for global food security under extreme events. *One Earth* 5:756-766.

Gibbard, P., M. Walker, A. Bauer, M. Edgeworth, L. Edwards, E. Ellis, S. Finney, J. L. Gill, M. Maslin, D. Merritts, and W. Ruddiman. 2022. The Anthropocene as an Event, not an Epoch. *Journal of Quaternary Science* 37(3):395–399.

Meng, Z., J. Dong, J. Zhai, L. Huang, M. Liu, and E.C. Ellis. 2022. Effectiveness in protected areas at resisting development pressures in China. *Applied Geography* 141:102682.

Meyfroidt, P., A. de Bremond, C. M. Ryan, E. Archer, R. Aspinall, A. Chhabra, G. Camara, E. Corbera, R. DeFries, S. Díaz, J. Dong, E. C. Ellis, K.-H. Erb, J. A. Fisher, R. D. Garrett, N. E. Golubiewski, H. R. Grau, J. M. Grove, H. Haberl, A. Heinimann, P. Hostert, E. G. Jobbágy, S. Kerr, T. Kuemmerle, E. F. Lambin, S. Lavorel, S. Lele, O. Mertz, P. Messerli, G. Metternicht, D. K. Munroe, H. Nagendra, J. Ø. Nielsen, D. S. Ojima, D. C. Parker, U. Pascual, J. R. Porter, N. Ramankutty, A. Reenberg, R. Roy Chowdhury, K. C. Seto, V. Seufert, H. Shibata, A. Thomson, B. L. Turner, J. Urabe, T. Veldkamp, P. H. Verburg, G. Zeleke, and E. K. H. J. zu Ermgassen. 2022. Ten facts about land systems for sustainability. *Proceedings of the National Academy of Sciences* 119(7):e2109217118.

Gibbard, P.L., A.M. Bauer, M. Edgeworth, W.F. Ruddiman, J.L. Gill, D.J. Merritts, S.C. Finney, L.E. Edwards, M.J.C. Walker, M. Maslin, and E.C. Ellis. 2022. A practical solution: the Anthropocene is a geological event, not a formal epoch. *Episodes* 45(4):349-357.

Dixon, A. P., J. G. Arbuckle, and E. C. Ellis. 2021. Farmer identities influence wildlife habitat management in the US Corn Belt. *People and Nature* 4(1):103-114.

Ellis, E.C. 2021. Land Use and Ecological Change: A 12,000-Year History. *Annual Review of Environment and Resources* 46:1-33.

Amiot, C., W. Ji, E. C. Ellis, and M. G. Anderson. 2021. Temporal and sociocultural effects of human colonisation on native biodiversity: filtering and rates of adaptation. *Oikos* 130:1035-1045.

Wohner, C., T. Ohnemus, S. Zacharias, H. Mollenhauer, E. C. Ellis, H. Klug, H. Shibata, and M. Mirtl. 2021. Assessing the biogeographical and socio-ecological representativeness of the ILTER site network. *Ecological Indicators* 127:107785.

Ellis, E.C., N. Gauthier, K.K. Goldewijk, R.B. Bird, N. Boivin, S. Díaz, D.Q. Fuller, J.L. Gill, J.O. Kaplan, N. Kingston, H. Locke, C.N.H. McMichael, D. Ranco, T.C. Rick, M.R. Shaw, L. Stephens, J.-C. Svenning, and J.E.M. Watson. 2021. People have shaped most of terrestrial nature for at least 12,000 years. *Proceedings of the National Academy of Sciences* 118(17):e2023483118

Morrison, K.D., E. Hammer, O. Boles, M. Madella, N. Whitehouse, M.-J. Gaillard, J. Bates, M. Vander Linden, S. Merlo, A. Yao, L. Popova, A.C. Hill, F. Antolin, A. Bauer, S. Biagetti, R.R. Bishop, P. Buckland, P. Cruz, D. Dreslerová, G. Dusseldorp, E. Ellis, D. Filipovic, T. Foster, M.J. Hannaford, S. P. Harrison, M. Hazarika, H. Herold, J. Hilpert, J.O. Kaplan, A. Kay, K. Klein Goldewijk, J. Kolář, E. Kyazike, J. Laabs, C. Lancelotti, P. Lane, D. Lawrence, K. Lewis, U. Lombardo, G. Lucarini, M. Arroyo-Kalin, R. Marchant, F. Mayle, M. McClatchie, M. McLeester, S. Mooney, M. Moskal-del Hoyo, V. Navarrete, E. Ndiema, E. Góes Neves, M. Nowak, W. A. Out, C. Petrie, L.N. Phelps, Z. Pinke, S. Rostain, T. Russell, A. Sluyter, A. K. Styring, E. Tamanaha, E. Thomas, S. Veerasamy, L. Welton, and M. Zanon. 2021. Mapping past human land use using archaeological data: a new classification for global land use synthesis and data harmonization. *PLoS ONE* 16:e0246662.

Zalasiewicz, J., C.N. Waters, E.C. Ellis, M.J. Head, D. Vidas, W. Steffen, J.A. Thomas, E. Horn, C.P. Summerhayes, R. Leinfelder, J.R. McNeill, A. Gałuszka, M. Williams, A.D. Barnosky, D. d. Richter, P.L. Gibbard, J. Syvitski, C. Jeandel, A. Cearreta, A. B. Cundy, I.J. Fairchild, N. L. Rose, J.A. Ivar do Sul, W. Shotyk, S. Turner, M. Wagreich, and J. Zinke. 2021. The Anthropocene: comparing its meaning in geology (chronostratigraphy) with conceptual approaches arising in other disciplines. *Earth's Future* 9:e2020EF001896.

Goddard, M. A., Z. G. Davies, S. Guenat, M. J. Ferguson, J. C. Fisher, A. Akanni, T. Ahjokoski, P. M. L. Anderson, F. Angeoletto, C. Antoniou, A. J. Bates, A. Barkwith, A. Berland, C. J. Bouch, C. C. Rega-Brodsky, L. B. Byrne, D. Cameron, R. Canavan, T. Chapman, S. Connop, S. Crossland, M. C. Dade, D. A. Dawson, C. Dobbs, C. T. Downs, E. C. Ellis, F. J. Escobedo, P. Gobster, N. M. Gulsrud, B. Guneralp, A. K. Hahs, J. D. Hale, C. Hassall, M. Hedblom, D. F. Hochuli, T. Inkinen, I.-C. Ioja, D. Kendal, T. Knowland, I. Kowarik, S. J. Langdale, S. B. Lerman, I. MacGregor-Fors, P. Manning, P. Massini, S. McLean, D. D. Mkwambisi, A. Ossola, G. P. Luque, L. Pérez-Urrestarazu, K. Perini, G. Perry, T. J. Pett, K. E. Plummer, R. A. Radji, U. Roll, S. G. Potts, H. Rumble, J. P. Sadler, S. de Saille, S. Sautter, C. E. Scott, A. Shwartz, T. Smith, R. P. H. Snep, C. D. Soulsbury, M. C. Stanley, T. Van de Voorde, S. J. Venn, P. H. Warren, C.-L. Washbourne, M. Whitling, N. S. G. Williams, J. Yang, K. Yeshitela, K. P. Yocom, and M. Dallimer. 2021. A global horizon scan of the future impacts of robotics and autonomous systems on urban ecosystems. *Nature Ecology & Evolution* **5**:219–230

Davies, S. J., I. Abiem, K. Abu Salim, S. Aguilar, D. Allen, A. Alonso, K. Anderson-Teixeira, A. Andrade, G. Arellano, P. S. Ashton, P. J. Baker, M. E. Baker, J. L. Baltzer, Y. Basset, P. Bissiengou, S. Bohlman, N. A. Bourg, W. Y. Brockelman, S. Bunyavejchewin, D. F. R. P. Burslem, M. Cao, D. Cárdenas, L.-W. Chang, C.-H. Chang-Yang, K.-J. Chao, W.-C. Chao, H. Chapman, Y.-Y. Chen, R. A. Chisholm, C. Chu, G. Chuyong, K. Clay, L. S. Comita, R. Condit, S. Cordell, H. S. Dattaraja, A. A. de Oliveira, J. den Ouden, M. Detto, C. Dick, X. Du, Á. Duque, S. Ediriweera, E. C. Ellis, N. L. E. Obiang, S. Esufali, C. E. N. Ewango, E. S. Fernando, J. Filip, G. A. Fischer, R. Foster, T. Giambelluca, C. Giardina, G. S. Gilbert, E. Gonzalez-Akre, I. A. U. N. Gunatilleke, C. V. S. Gunatilleke, Z. Hao, B. C. H. Hau, F. He, H. Ni, R. W. Howe, S. P. Hubbell, A. Huth, F. Inman-Narahari, A. Itoh, D. Janík, P. A. Jansen, M. Jiang, D. J. Johnson, F. A. Jones, M. Kanzaki, D. Kenfack, S. Kiratiprayoon, K. Král,

L. Krizel, S. Lao, A. J. Larson, Y. Li, X. Li, C. M. Litton, Y. Liu, S. Liu, S. K. Y. Lum, M. S. Luskin, J. A. Lutz, H. T. Luu, K. Ma, J.-R. Makana, Y. Malhi, A. Martin, C. McCarthy, S. M. McMahon, W. J. McShea, H. Memiaghe, X. Mi, D. Mitre, M. Mohamad, L. Monks, H. C. Muller-Landau, P. M. Musili, J. A. Myers, A. Nathalang, K. M. Ngo, N. Norden, V. Novotny, M. J. O'Brien, D. Orwig, R. Ostertag, K. Papathanassiou, G. G. Parker, R. Pérez, I. Perfecto, R. P. Phillips, N. Pongpattananurak, H. Pretzsch, H. Ren, G. Reynolds, L. J. Rodriguez, S. E. Russo, L. Sack, W. Sang, J. Shue, A. Singh, G.-Z. M. Song, R. Sukumar, I. F. Sun, H. S. Suresh, N. G. Swenson, S. Tan, S. C. Thomas, D. Thomas, J. Thompson, B. L. Turner, A. Uowolo, M. Uriarte, R. Valencia, J. Vandermeer, A. Vicentini, M. Visser, T. Vrska, X. Wang, X. Wang, G. D. Weiblen, T. J. S. Whitfeld, A. Wolf, S. J. Wright, H. Xu, T. L. Yao, S. L. Yap, W. Ye, M. Yu, M. Zhang, D. Zhu, L. Zhu, J. K. Zimmerman, and D. Zuleta. 2021. ForestGEO: Understanding forest diversity and dynamics through a global observatory network. *Biological Conservation* 253:108907.

Garibaldi, L. A., F. J. Oddi, F. E. Miguez, I. Bartomeus, M. C. Orr, E. G. Jobbágy, C. Kremen, L. A. Schulte, A. C. Hughes, C. Bagnato, G. Abramson, P. Bridgewater, D. G. Carella, S. Díaz, L. V. Dicks, E. C. Ellis, M. Goldenberg, C. A. Huaylla, M. Kuperman, H. Locke, Z. Mehrabi, F. Santibañez, and C.-D. Zhu. 2021. Working landscapes need at least 20% native habitat. *Conservation Letters* 14:e12773.

Riggio, J., J.E.M. Baillie, S. Brumby, E. Ellis, C.M. Kennedy, J.R. Oakleaf, A. Tait, T. Tepe, D.M. Theobald, O. Venter, J.E.M. Watson, and A.P. Jacobson. 2020. Global human influence maps reveal clear opportunities in conserving Earth's remaining intact terrestrial ecosystems. *Global Change Biology* 26:4344–4356.

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Ellis, E.C., 2023. [plenary] Land Use and Ecological Change: Lessons from a 12,000-Year History. 8th Wallace Conference. May 31, 2023. CATIE, Turrialba, Costa Rica.

Ellis, E.C., 2023. [plenary] Anthropogenic Biomes: Ecology in a Human Biosphere. Anthromes, CO2 , and Terrestrial Carbon Conference. March 28, 2023. Bolger Center, Potomac, MD USA

Ellis, E.C., 2022. Advances in Mapping Pre-industrial Land Use Confirm Earth's Early Transformation. In Session GC35B - Connecting Cause and Effect in Analyses of Coupled Human and Geophysical Systems: The Early to Modern Anthropocene. December 14, 2022. American Geophysical Union Fall 2022 Meeting, Chicago, Illinois, USA (remote).

Ellis, E.C., 2022. [plenary] Learning from 12,000 years of Land Use: Conservation in the Age of Humans. Rural Studies 25th Anniversary Conference, Pontificia Universidad Javeriana. November 3, 2022, Bogotá, Colombia.

Ellis, E.C., 2022. [keynote] Deepening the Anthropocene: Connecting Archaeology, Global Environmental Change & Biodiversity Conservation. LAC- Landscape Archaeology Conference. September 13, 2022, Iaşi, Romania (remote).

Ellis, E.C., 2022. Earth's Early Transformation by Humans: Bringing Social & Natural Sciences Together. AnthroFlor: Anthropocene Working Group and Subcommission on Quaternary Stratigraphy of the International Commission on Stratigraphy Joint Meeting. September 9, 2022, Florence, Italy (remote).

Ellis, E.C., 2022. Anthropogenic Ecologies: Deconstructing the Social Construction of Nature. April 26, 2022. Nature Line ESDIT, Wageningen, Netherlands (remote).

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Ellis, E.C., 2021. Nature Needs Culture: Conservation in the Age of Humans. GRIT-X, UMBC. October 9, 2021. Baltimore, MD.

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Ellis, E.C. 2019. Human Sociocultural Evolution Shapes Ecological Pattern, Process and Change. Symposium 6: Theory in Ecology: Adding Humans to the Equations, Ecology Society of America Annual Meeting, August 13, 2019, Louisville, KY.

Ellis, E.C. 2019. The Deeper Roots of Global Change: Land Use Changes from 10,000 BP to 1850 CE. Session 114R: The Deep History of Global Land Use Change, 4th Open Science Meeting of the Global Land Programme, April 26, 2019, Bern, Switzerland.

Ellis, E.C. 2019. [plenary] Managing Earth's Landscapes Towards a Better Future. International Association of Landscape Ecologists, 10th IALE World Congress, July 1, 2019, Milan, Italy.

Ellis, E.C. 2019. [keynote] Nature as Designer: Emancipating Nonhuman Ecologies in an Increasingly Human World. Design with Nature Now Conference, June 21, 2019, Penn Design, University of Pennsylvania, Philadelphia, PA

Ellis, E.C. 2019. The ArchaeoGLOBE Project: Collaborative Mapping of Global Land Use 10,000 BP to 1850 CE. Global Markers of the Anthropocene, Haus der Kulturen der Welt, February 19, 2019, Berlin, Germany.

Ellis, E.C. 2019. [keynote] Anthrobiogeography: Mapping Biomes in an Anthropogenic Biosphere. 9th Biennial Meeting of the International Biogeography Society, January 10, 2019, Malaga, Spain.

Ellis, E.C. 2018. From Parcels to Planet: Managing Earth's Land. Session U14A: Can We Manage Earth's Future? American Geophysical Union, December 10, 2018, Washington, DC USA.

Ellis, E.C. 2018. Utility Challenges of an Anthropocene Epoch for Ecology, Archaeology & Geographic Science. Anthropocene Working Group Meeting, Max Planck Institute for Chemistry, September 7, 2018, Mainz, Germany.

Ellis, E.C. 2018. Evolution of the Anthropocene. Archaeological Perspectives on the Anthropocene. Society for American Archaeology, April 13, Washington, DC USA.

Ellis, E.C. 2018. [keynote] Landscapes of the Anthropocene: Evolving Towards a Shared Biosphere. Landscape 2018: Frontiers of Agricultural Landscape Research, March 15, 2018, Berlin, Germany.

Ellis, E.C. 2018. (online) Distribution Models and Remote Sensing in the Anthropocene. Informing Species Distribution Models & Essential Biodiversity Variables using Remote Sensing, February 5, 2018, University of Zurich, Switzerland.

Ellis, E.C. 2017. [keynote] Developing Conservation from the Bottom Up. 4th International Conference on Research for Development (ICRD), September 5-8, 2017, Bern, Switzerland.

Ellis, E.C., 2017. Sociocultural Evolution, Regime Shifts and Land System Change. Social-Ecological Resilience of Freshwater Systems in the Anthropocene. Nanjing Institute of Geography & Limnology, Chinese Academy of Sciences. July 8-10, 2017, Nanjing, China.

Ellis, E.C. 2016. [keynote] Globalizing Ecology in the Anthropocene: Networks, Cyberinfrastructure, and Analytics. ILTER Open Science Meeting 2016, 9-13 October 2016, Kruger National Park, Skukuza, South Africa.

Ellis, E.C., 2016. Anthrome Communities, Anthrobiogeography and the Global Ecology of Anthropogenic Landscapes. Ecological Society of America Annual Meeting, August 12, 2016, Ft. Lauderdale, FL, USA.

Ellis, E.C. 2016. [keynote] Novel Ecosystems, Anthroecosystems and Anthromes: Natural History, Prehistory, and the Anthropocene. Annual Meeting of the Mid-Altantic Chapter of the Ecological Society of America. April 9, 2016, Kutztown University, Kutztown, PA, USA.

Ellis, E.C.. 2016. [keynote] Humanity, a Global Force of Nature: Ultrasociality, Niche Construction and the Anthropocene. Symposium on Physical Geography: Challenges of the "Anthropocene", Annual Meeting of the Association of American Geographers. March 31, 2016, San Francisco, CA, USA.

Ellis, E.C.. 2015. The Emergence of Land Use as a Global Force in the Earth System. American Geophysical Union Fall 2015 Meeting, December 14 to 18, 2015, San Francisco, CA, USA.

Kaplan, Jed and E.C. Ellis. 2015. The impact of land use on carbon and climate in the preindustrial Holocene: What have we learned and what are the priorities for future research? American Geophysical Union Fall 2015 Meeting, December 14 to 18, 2015, San Francisco, CA, USA.

Ellis, E.C., 2015. Towards a Global Archaeology of the Anthropocene. Anthropocene Working Group meeting, McDonald Institute for Archaeological Research at Cambridge University. November 24-25, 2015, Cambridge, UK.

Ellis, E.C., 2015. Ecology in an Anthropogenic Biosphere: New Tools for Anthropocene Ecologists. Organized Oral Session: New Perspectives for Ecology during the Anthropocene: New Paradigms, Technologies and Collaborations. Ecological Society of America Annual Meeting. August 9-14, 2015, Baltimore, MD, USA.

Ellis, E.C., 2015. Sociocultural regime shifts in the ecology of anthropogenic landscapes. International Association for Landscape Ecology Annual Meeting. July 5-10, 2015, Portland, OR, USA.

Ellis, E.C., 2014. Whose Land? Planetary Opportunities for People, Land and Nature. in Whose planet? Whose 'boundaries'? A dialogue on the politics of 'planetary boundaries' session. Resilience 2014: Resilience and Development: Mobilizing for Transformation, May4-8, 2014, Montpelier, France.

Ellis, E.C., 2014. Design & Novel Ecosystems. Environment, Engineering, Landscape: A Colloquium of the Harvard University Graduate School of Design. April 25, 2014, Harvard University, Cambridge, MA, USA

Ellis, E.C., 2014. Anthropogenic Biomes: Global Ecology for the Anthropocene. Mathematics for Planet Earth (MPE 2013+) Workshop on Sustainable Human Environments, April 23-25, 2014, DIMACS Center, CoRE Building, Rutgers University, Rutgers, NJ, USA

Ellis, E.C., 2014. [plenary] Anthropogenic Landscapes and Planetary Opportunities. Earth to be Determined: Ecology, Economy and Justice in a Rapidly Changing World. Eighth Annual Nelson Institute Earth Day Conference, April 22, 2014, Madison, WI, USA

Ellis, E.C., 2014. The spatial and temporal scales of the Anthropocene. Scale and Sustainability: Cross-cutting Issues on How Scale Matters. Association of American Geographers Annual Meeting, April 8-12, 2010, Tampa, Florida, USA.

Ellis, E.C., 2014. Anthropocene Ecology: The Cultural Construction of Nature. UNESCO Bergen 2014: UNESCO 1972, 2003 and 2005 Conventions, March 24-26, 2014, Bergen, Norway.

Ellis, E.C., 2014. [keynote] Used Land, Used Planet: The Ancient History of the Anthropocene. Global Land Project Open Science Meeting: Land Transformations: Between Global Challenges and Local Realities, March 19-21, 2014, Berlin, Germany.

Ellis, E.C., 2014. GLOBE: Online Tools for Understanding Local Land Use Globally. Global Land Project Open Science Meeting: Land Transformations: Between Global Challenges and Local Realities, March 19-21, 2014, Berlin, Germany.

Ellis, E.C., 2014. Ecologies of the Anthropocene: Global Upscaling of Social-Ecological Infrastructures. Projective Views on Urban Metabolism Conference. Harvard Graduate School of Design. February 7, 2014, Cambridge, MA, USA.

Ellis, E.C., 2013. Human infrastructure as ecological infrastructure for the Anthropocene. Symposium: Past, Present, and Future Design of Infrastructures for a Resilient Society. Ecological Society of America Annual Meeting, August 4-9, 2013, Minneapolis, MN, USA.

Ellis, E.C., 2013. (web plenary) Conserving Human Nature: The Anthropocene Biosphere. Conservation in the Anthropocene: Emerging Approaches for Effective Conservation in Minnesota. March 16, 2013, West St. Paul, MN

Ellis, E.C., 2012. [plenary] Ecology in the Anthropocene: Observing, Understanding, and Embracing Human Nature. The Long Term Ecological Research Network All Scientists Meeting, September 10-13, 2012, Estes Park, CO, USA.

Ellis, E.C., 2012. The Great Transition: Long-Term Ecological Changes in China's Ancient Village Landscapes. Ecological Society of America Annual Meeting, August 5-10, 2012, Portland, Oregon, USA.

Ellis, E.C., 2012. Emergence and Stewardship of the Anthropocene Biosphere. North American Congress for Conservation Biology, July 15 - 18, 2012, Oakland, CA, USA.

Ellis, E.C., 2012. The Anthromes Project: Biosphere as Infrastructure for the Anthropocene. Landscape Infrastructure: Systems and Strategies for Contemporary Urbanization Symposium, March 24, 2012, Harvard Graduate School of Design, Cambridge, MA, USA.

Ellis, E.C., 2012. Ecology of the Anthropocene Terrestrial Biosphere. Ecological Society of America, Emerging Issues Conference, February 27 - March 1, 2012, National Conservation Training Center (NCTC), Shepherdstown, WV, USA.

Ellis, E.C., 2011. Anthropogenic Biomes and Conservation beyond Protected Areas. Biodiversity Institute Symposium - Biodiversity Conservation Beyond Protected Areas, September 21-22, 2011, Oxford, UK.

Ellis, E.C., 2011. Globalizing Local Thinking to Support Earth Stewardship. Ecological Society of America Annual Meeting, August 8-12, 2011, Austin, Texas, USA.

Ellis, E. C., 2011. Emergence and Sustainability of the Anthropogenic Biosphere. Anthropocene Conference, The Geological Society of London, May 11, 2011, London, UK.

Ellis, E. C., 2011. Anthromes as Social-ecological Systems: Mapping Regime Shifts Globally. Resilience 2011, March 11-16, 2011, Tempe, Arizona, USA.

Ellis, E. C., K. Klein Goldewijk, S. Siebert, D. Lightman, and N. Ramankutty, 2010. Anthromes and the Anthropogenic Biosphere: 1700 to 2000. Global Land Project Open Science Meeting, October 17-19, 2010, Phoenix, Arizona, USA.

Ellis, E.C., 2010. Ecology in the Anthropocene. Ecological Society of America Annual Meeting, August 1-6, 2010, Pittsburgh, Pennsylvania, USA.

Ellis, E.C., 2010. More than a Disturbance: The Human Biosphere, 1700 – 2000. Association of American Geographers Annual Meeting, April 14-18, 2010, Washington, DC, USA.

Ellis, E.C., 2009. Anthropogenic Biomes in the Global Ecosystem. Ecological Society of America Annual Meeting, August 2-7, 2009, Albuquerque, New Mexico, USA.

Ellis, E.C., 2008. Agricultural Mosaics, Anthropogenic Biomes and Climate Change: Seeing the Forests, Fields and Settlements. Ecological Society of America Annual Meeting, August 3-8, 2008, Milwaukee, Wisconsin, USA.

Ellis, E.C. 2008. Anthropogenic Biomes: A 21st Century View of the Biosphere. Global Land Use Data Workshop, May 22 - 23 2008, Vienna, Austria.

Ellis, E.C. and D. Prosser 2008. Risk modeling and uncertainty analysis to assess H5N1 transmission risk from domestic to wild waterfowl. Victims and Vectors: U. S. - China Wild Bird Avian Influenza Meeting, January 8-12, 2008, Shepherdstown, West Virginia, USA.

Ellis, E.C., 2007. Long-term biogeochemical changes in China's village landscapes. Ecosummit 2007, May 22 – 27, 2007, Beijing, China.

Ellis, E.C., 2005. Global impacts of local changes across China's densely populated rural landscapes. Ecological Society of America/INTECOL Joint Meeting, August 7-12, 2005, Montreal, Quebec, Canada.

Ellis, E.C., 2001. Estimating the long-term impacts of nitrogen fertilizers across village landscapes. International Workshop on Nitrogen Fertilization in East Asian Countries, February 5–6, 2001, Tsukuba, Japan.

Ellis, E.C., 1999. Biogeochemical processes in agroecosystem management. Ecological Society of America Annual Meetings, August 8-11, 1999, Spokane, Washington.

Ellis, E.C., 1998. Village-scale nitrogen cycling and ecological sustainability in Chinese Village Ecosystems. VII International Congress of Ecology (INTECOL), July 19-25, 1998, Florence, Italy.

Open Submission

Ellis, E.C., 2021. Key issues in global land use reconstructions for assessing global ecological change. LandCover6K, PAGES. December 2, 2021. All Virtual (remote).

Ellis, E.C. 2019. Deconstructing the Social Construction of Nature: Empowering Nonhuman Agency in Autonomous Conservation Systems. Robotocene Session, Association of American Geographers Annual Meeting, April 17, 2019, Washington, DC.

Ellis, E.C. and N.R. Magliocca. 2017. Linking multi-level selection with long-term social-ecological change. Inaugural Cultural Evolution Society Conference, September 13-15, 2017, Jena, Germany.

Ellis, E.C. 2017. Global Land Change: From Local and Regional Data to Global Maps and General Theory. Land Cover 6K meeting, May 16, 2017, Zaragoza, Spain.

Ellis, E.C. 2017. Anthroecology and Anthromes: Theoretical and Practical Tools for the Study of Anthropogenic Global Change. 5th Past Global Changes (PAGES) Open Science Meeting (OSM), May 9-13, 2017, Zaragoza, Spain.

Ellis, E.C., 2016. Anthromes: new tools for understanding the global ecology of human landscapes. Global Land Project Open Science Meeting, October 24-27, 2016, Beijing, China.

Klein-Goldewijk, K., Ellis, E.C., 2016. Anthromes 12K: Mapping Long-Term Human Transformation of the Terrestrial Biosphere. Global Land Project Open Science Meeting, October 24-27, 2016, Beijing, China.

Ellis, E. C. 2015. Cultures of Nature: Evolution of Human Sociocultural Niche Construction and Social-Ecological Dynamics across the Anthropocene. Program on Ecosystem Change and Society (PECS) 2015 Meeting. November 3-5, 2015, Stellenbosch, South Africa.

Ellis, E. C. 2014. Evolution of Human Niche Construction: Human Ecologies from Late Pleistocene to Present. Cell Symposium: Evolution of Modern Humans - From Bones to Genomes, March 16-18, 2014, Sitges, Spain.

Ellis, E. C. 2013. Global Collaboration Engine (GLOBE): New Collaborative Tools for Global Synthesis of Local Studies of Land Change. Association of American Geographers Annual Meeting, April 11, 2013, Los Angeles, CA.

Ellis, E. C. 2012. Global land use history: A new synthesis. Planet under Pressure Meeting, March 26-29, 2012, London, UK.

Ellis, E. C. 2012. GLOBE: New tools to accelerate global integration of local knowledge. Planet under Pressure Meeting, March 26-29, 2012, London, UK.

Ellis, E. C.. 2011. Rethinking Global Ecology: Planetary Stewardship in the Anthropocene. American Association for the Advancement of Science Annual Meeting, February 17 to 21, 2011, Washington, DC.

Ellis, E. C.. 2011. Land Use Change & Global Ecology: Earth Stewardship in the Anthropocene. NASA LCLUC Science Team Meeting, March 28, 2011, College Park, Maryland.

Ellis, E. C.. 2010. Past and Future of the Anthropogenic Biosphere. American Geophysical Union Fall 2010 Meeting, December 13 to 17, 2010, San Francisco, California.

Ellis, E. C.. 2010. Intensification and Emergence of the Anthropogenic Biosphere in the Anthropocene. Ester Boserup Conference, November 15 to 17, 2010, Vienna, Austria.

Ellis, E. C. 2010. Accelerating Global Synthesis of Case Study Research using a Global Comparison Engine. Global Land Project Open Science Meeting, October 17-19, 2010, Phoenix, Arizona, USA.

Ellis, E. C., K. Klein Goldewijk, S. Siebert, D. Lightman, and N. Ramankutty. 2009. Human transformation of the biosphere: form, extent, duration and intensity. American Geophysical Union Fall 2009 Meeting, December 14 to 18, 2009, San Francisco, California.

Ellis, E. C., K. Klein Goldewijk, S. Siebert, D. Lightman, and N. Ramankutty. 2009. Anthropogenic Biomes: New Model, Old Biosphere. Spring NASA LCLUC Science Team Meeting, March 31 – April 2, 2009, Bethesda, Maryland.

Ellis, E. C., K. Klein Goldewijk, S. Siebert, D. Lightman, and N. Ramankutty. 2008. Anthropogenic transformation of the biomes, 1700 to 2000. American Geophysical Union Fall 2008 Meeting, December 15 to 19, 2008, San Francisco, California.

Ellis, E.C., E. Antill, R. Grenyer, I. Woodward, M. Lomas, and H. Kreft. 2008. Anthropogenic Biomes: Conserving Biodiversity in an Anthropogenic Biosphere. 9th National Conference on Science, Policy and the Environment: Biodiversity in a Rapidly Changing World, December 8-10, 2008, Washington, DC.

Ellis, E.C., 2008. Can we observe urban landscape fragmentation globally? Baltimore Ecosystem Study Annual Meeting, October 16, 2008, Baltimore, Maryland.

Ellis, E.C., 2008. Anthropogenic biomes: a global framework for ecology research and education in the 21st century and beyond. Baltimore Ecosystem Study Quarterly Meeting, June 24, 2008, Baltimore, Maryland.

Ellis, E.C. and N. Ramankutty, 2008. Anthropogenic Biomes: Observing and Modeling Carbon in an Anthropogenic Biosphere. NASA Carbon Cycle and Ecosystems Joint Science Workshop, April 28 - May 2, 2008, Adelphi, Maryland.

Ellis, E.C. and N. Ramankutty, 2007. Anthropogenic Biomes: A Framework for Earth Science and Ecology in the 21st Century. American Geophysical Union Fall 2007 Meeting, December 10 to 14, 2007, San Francisco, California.

Ellis, E.C., 2007. Long-term changes within China's densely populated rural landscapes. International Association for Landscape Ecology World Congress, July 8 – 12, 2007, Wageningen, Netherlands.

Ellis, E.C., 2007. Assessing the regional and global impacts of local land use changes across rural China. Association of American Geographers Annual Meeting, April 17-21, 2007, San Francisco, California.

Ellis, E.C., 2006. Global Impacts of Long-Term Land Cover Changes within China's Densely Populated Rural Regions. American Geophysical Union Fall 2006 Meeting, December 11 to 15, 2006, San Francisco, California.

Ellis, E.C., 2006. Long-Term Changes in Landscape Structure Within and Across China's Densely Populated Rural Landscapes. American Geophysical Union 2006 Joint Assembly, May 23 to 26, 2006, Baltimore, Maryland.

Ellis, E.C., 2005. Long-term ecological changes in urban and suburban Baltimore landscapes. Baltimore Ecosystem Study Annual Meetings, October 20, 2005, Baltimore, Maryland.

Ellis, E.C., 2005. Linking local measurements with regional data to measure long-term biogeochemical changes across China's densely populated agricultural landscapes. Ecological Society of America/INTECOL Joint Meeting, August 7-12, 2005, Montreal, Quebec, Canada.

Ellis, E.C., 2005. Measuring long-term ecological change in urban and suburban landscapes. Ecology Society of America, Mid-Atlantic Annual Meetings, March 12, 2005, Baltimore, Maryland.

Ellis, E.C., 2004. Ecotope mapping for high resolution ecological change measurement across anthropogenic landscapes. Baltimore Ecosystem Study Annual Meetings, October 21, 2004, Baltimore, Maryland.

Ellis, E.C., Wang, H., Xiao, H.S., Peng, K., Liu, X.P., Li, S.C., Ouyang, H., Cheng, X., and L.Z. Yang. 2004. Measuring Long-Term Ecological Changes across Inhabited Landscapes. Ecology Society of America Annual Meetings, August 1 – 6, 2004, Portland, Oregon.

Ellis, E.C., 2003. Measuring Long-Term Ecological Changes in the Densely Populated Rural Landscapes of China. Chapman Conference on Ecosystem Interactions with Land Use Change, June 14-18, 2003, Albuquerque, New Mexico.

Ellis, E.C., Li, R. G., Yang, L. Z., and X. Cheng, 2001. Measuring and mediating nitrogen saturation in densely populated Chinese villages. Nitrogen 2001 Conference, October 14-18, 2001, Potomac, Maryland.

Ellis, E.C., Lackey, J, Li, R. G., Yang, L. Z., and X. Cheng, 2001. Nitrogen limitation of human nutritional carrying capacity: a Chinese village case study. Nitrogen 2001 Conference, October 14-18, 2001, Potomac, Maryland.

Ellis, E.C., 2000. Long-term changes in nitrogen loading across Chinese village landscapes. Ecology Society of America Annual Meetings, August 6 – 10, 2000, Snowbird, Utah.

Ellis, E.C., 2000. Estimating long-term changes in anthropogenic landscapes. LTER All Scientists Meeting, August 1- 5, 2000, Snowbird, Utah.

Ellis, E.C., 1999. Linking household agriculture with nitrogen cycling in China's village landscapes. American Society of Agronomy Annual Meetings, October 31- November 4, 1999, Salt Lake City, Utah.

Ellis, E.C., 1999. Traditional nutrient management in Chinese village ecosystems. American Society of Agronomy Annual Meetings, October 31- November 4, 1999, Salt Lake City, Utah.

Ellis, E.C., 1998. Changes in soil and sediment nitrogen caused by chemical fertilizer adoption in China. American Society of Agronomy Annual Meetings, October 18-22, 1998, Baltimore, Maryland.

Ellis, E.C., 1998. Long-term changes in soil nitrogen storage within Chinese village landscapes. Ecological Society of America Annual Meetings, August 2-6, 1998, Baltimore, Maryland.

Ellis, E.C., 1998. Nitrogen and human nutritional carrying capacity in village-scale ecosystems of China's Yangtze Delta Region. Joint Annual Meeting of the Association for the Study of Food and Society (ASFS) and the Agriculture, Food, and Human Values Society (AFHVA), June 4-7, 1998, San Francisco, California.

Ellis, E.C., 1997. Nitrogen cycling and sustainable management of agricultural villages in China. American Society of Agronomy Annual Meetings, October 26-31, 1997, Anaheim, California.

Ellis, E.C., 1997. Landscape structure, nitrogen cycling, and ecological sustainability in Chinese village ecosystems. Ecological Society of America Annual Meetings, August 11-14, 1997, Albuquerque, New Mexico.

Ellis, E.C. and Cheng X., 1994. Farming for centuries: Whole-village nitrogen cycling in traditional and modern agroecosystems of the Tai Lake Region of China. The 10th IFOAM International Agricultural Conference, December 11-14, 1994, Lincoln University, New Zealand.

Ellis, E.C. and Cheng X., 1993. Nitrogen cycling as a measure of agroecosystem sustainability. The International Conference on Integrated Resource Management for Sustainable Agriculture, September 5-13, 1993, Beijing, P.R. China.

Ellis, E.C., 1992 (*in Chinese*). Why a 'developed' country like the U.S.A. is interested in green manures. In Proceedings of the International Green Manures Conference in Xuancheng, Anhui, P.R. China. Ed. Jiao Bin. Beijing: China Agricultural Scientech Press.

Ellis, E.C., Turgeon, R., and Spanswick, R.M., 1989. Turgor-sensitive phloem transport and unloading in seed coats of *Phaseolus vulgaris* L.. *Plant Physiology*, **89**,S92.

Other Professional Presentations (Invited, Non-Juried)

Ellis, E.C., 2023. Conserving the Biodiversity of an Increasingly Human Planet. Evolutionary Biology and Ecology Seminar Series. December 8, 2023. University of California, San Diego, San Diego, California, USA.

Ellis, E.C., 2023. Making a Better Future in the Age of Humans. Seminar. November 14, 2023. Gettysburg College, Gettysburg, Pennsylvania, USA.

Ellis, E.C., 2023. Making a Better Future in the Age of Humans. Seminar. November 6, 2023. Chatham University, Pittsburgh, Pennsylvania, USA.

Ellis, E.C., 2023. Nature is Culture: The Deep Global History & Transformative Future of Nature-Sustaining Landscapes. Nature Seminar Series. October 27, 2023. University of Oxford, Oxford, UK.

Ellis, E.C., 2023. Towards a Planetary Archaeology. Archaeology Seminar. October 19, 2023. Archaeology Department, University of Oxford, Oxford, UK.

Ellis, E.C., 2023. Anthropocene Opportunities: Unleashing Humanity's Shared Aspirations. Oxford Martin School Seminar. October 12, 2023. Oxford Martin School, University of Oxford, Oxford, UK.

Ellis, E.C., 2023. Anthromes: A Global Framework for Landscape Use Assessment. Land Use Working Group Seminar. September 20, 2023. School of Geography and Environment, University of Oxford, Oxford, UK.

Ellis, E.C., 2023. Anthropocene Opportunities: An Aspirational Approach to Planetary Futures. Anthropocene Aspirations Workshop. July 26, 2023. UN Human Development Report Office (HDRO), New York, New York, USA.

Ellis, E.C., 2023. Bounded Ecomodernism. Breakthrough Dialogue, June 23, 2023, Cavallo Point, CA, USA.

Ellis, E.C., 2023. Conserving Biodiversity in an Increasingly Human Planet. US Fish & Wildlife Service. May 18, 2023. Patuxent, Maryland, USA.

Ellis, E.C., 2023. Prosocial Planet: Guiding the Evolution of Social-Ecological Development. ProSocial World. April 21, 2023. (remote)

Ellis, E.C., 2023. Deep Anthropocene: Conserving Nature on a Human Planet. Senior Seminar. March 1, 2023. Franklin & Marshall College, Lancaster, Pennsylvania, USA.

Ellis, E.C., 2023. Anthropocene Opportunities: Guiding the Evolution of Social-Ecological Development. Meeting of the Initiative for Agency & Development (IfAD) and the UN Human Development Report Office (HDRO), American University. January 19, 2023. University of Arizona, Tucson, Arizona, USA.

Ellis, E.C., 2022. Making a Better Future in the Age of Humans. Charles E. Smith Jewish Day School. November 16, 2022. Rockville, MD USA (remote).

Ellis, E.C., 2022. Deep Anthropocene: Conserving Nature on a Human Planet. Anthropocene Seminar, American University. November 14, 2022. Washington, DC USA.

Ellis, E.C., 2022. Deepening the Anthropocene: Reculturing Nature, Sharing the Planet. Seminar Series, Department of Geography, University of Alabama. November 11, 2022. Tuscaloosa, AL USA.

Ellis, E.C., 2022. Learning from 12,000 years of land use: How to shape a better future for life on Earth. Lunch & Learn, UMBC. July 20, 2022. Baltimore, MD USA (remote).

Ellis, E.C., 2022. Anthropocene Opportunities: Sustaining Human Development & Biodiversity. Anthropocene Summer School. July 5, 2022. University of Groningen, Groningen, Netherlands.

Ellis, E.C., 2022. Cultures of Natures: Conserving Biodiversity in the Anthropocene. Anthropocene Ecologies, Tensions, Futures course. April 11, 2022. Pratt Institute, Brooklyn, NY USA (remote).

Ellis, E.C., 2022. Making a Better Future in the Age of Humans. Owings Mills High School. March 25, 2022. Owings Mills, MD USA (remote).

Ellis, E.C., 2022. Prehistoric land use reshaped most of terrestrial nature: Does that matter now? Global Land Programme Webinar. January 19, 2022 (remote).

Ellis, E.C., 2021. Anthropogenic Ecologies: Deconstructing the Social Construction of Nature. Garden & Landscape Studies Graduate Workshop, Dumbarton Oaks. July 19, 2021. Washington, DC (remote).

Ellis, E.C., 2021. People have shaped most of terrestrial nature for at least 12,000 years. Journal Club, Environmental Change Institute, School of Geography and the Environment, University of Oxford. May 13, 2021. Oxford, UK (remote).

Ellis, E.C., 2021. People have shaped most of terrestrial nature for at least 12,000 years. Biome Change Webinar. Universidade dos Açores. April 21, 2021. Azores, Portugal (remote).

Ellis, E.C., 2021. People have shaped most of terrestrial nature for at least 12,000 years. Webinar. Worldwide Fund for Nature (WWF). April 21, 2021. Washington, DC (remote).

Ellis, E.C., 2021. Shaping a Better Nature in the Anthropocene. Seminar Series, Environment and Sustainability, University of British Columbia. April 8, 2021. Vancouver, BC Canada (remote).

Ellis, E.C., 2021. Shaping Ecology in the Anthropocene. Seminar Series, Ecology and Evolutionary Biology, Texas A&M University. February 1, 2021. College Station, TX (remote).

Ellis, E.C., 2020. Social-Ecological Challenges & Opportunities of the Anthropocene. Welcome to the Anthropocene Lecture, MSc in Environmental Change and Management, University of Oxford. October 14, 2020. Oxford, UK (remote).

Ellis, E.C., 2020. Anthropogenic Ecologies: Deconstructing the Social Construction of Nature. Garden & Landscape Studies Graduate Workshop, Dumbarton Oaks. July 13, 2020. Washington, DC (remote).

Ellis, E.C., 2020. Nature as Designer: Emancipating Nonhuman Ecologies in an Increasingly Human World. Architecture + Planning Seminar Series, Morgan State University, April 29, 2020, Baltimore, MD (remote).

Ellis, E.C., 2020. Workshop: Massive Collaboration for Transformative Research. UMBC, March 2, 2020, Baltimore, MD.

Ellis, E.C., 2020. Shaping a Better Planet in the Anthropocene. Institute for Social-Ecological Research, Goethe University, February 13, 2020, Frankfurt, Germany.

Ellis, E.C., 2019. Evolving the Human Niche: Foragers, Farmers and Globalized Societies. Center for the Advanced Study of Human Paleobiology, George Washington University, November 13, 2019, Washington, DC.

Ellis, E.C., 2019. Deepening the Anthropocene: Archaeologists Confirm Earth's Early Transformation through Land Use. Anthropocene Working Group Meeting, Tulane University, November 9, 2019, New Orleans, LA.

Ellis, E.C., 2019. Making a Better Future in the Age of Humans. Edenwald senior living community, November 6, 2019, Columbia, MD.

Ellis, E.C., 2019. Co-Designing the Anthropocene: Making Space for People and the Rest of Life on Earth Remote Seminar, TERRANOVA Project, October 9, 2019, Amsterdam, Netherlands.

Ellis, E.C., 2019. Bringing Social, Information & Natural Sciences Together to Understand Human Transformation of Earth. Seminar, Department of Geography & Environmental Systems, UMBC, September 25, 2019, Baltimore, MD.

Ellis, E.C., 2019. Deep Roots of the Anthropocene: Archaeological Mapping of Global Land Use, 10,000 BP to 1850 CE. LUMIP Workshop, Aspen Global Change Institute, September 16, 2019, Snowmass, Colorado.

Ellis, E.C., 2019. Anthropogenic Ecologies: Deconstructing the Social Construction of Nature. Garden & Landscape Studies Graduate Workshop, Dumbarton Oaks. May 17, 2019. Washington, DC, USA.

Ellis, E.C., 2019. Anthropocene: The Emergence of Human Societies as a Force of Nature. Colloquium, Department of Earth & Environmental Science, April 19, 2019, Temple University, Philadelphia, PA.

Ellis, E.C., 2019. Deep Anthropocene: The Emergence of Human Societies and Land Use as a Force of Nature. Seminar, Department of Geographical Sciences, University of Maryland, College Park, April 1, 2019, College Park, MD.

Ellis, E.C., 2019. (panelist) Economics, Leadership and Governance Under Climate Change. New Science, New Solutions Program, American Museum of Natural History, March 20, 2019, New York, NY.

Ellis, E.C., 2019. [plenary] Evolving Towards a Better Anthropocene. From the Ice Age to the Anthropocene: Human Responses to Global Change, 27th Annual Tennessee Undergraduate Social Science Symposium, February 28, 2019, Middle Tennessee State University, Murfreesboro, TN.

Ellis, E.C., 2018. Making a Better Future in the Age of Humans. Earth Forum, First Presbyterian Church of Howard County, November 18, 2018, Columbia, MD USA.

Ellis, E.C., 2018. Anthropocene Ecologies: Deconstructing the Social Construction of Nature. Landscape Architecture, Graduate School of Design, Harvard University, October 11, 2018, Cambridge, MA, USA.

Ellis, E.C., 2018. Ecology of the Anthropocene: Why Humans are Transforming Earth. Chesapeake Biological Laboratory, University of Maryland Center for Environmental Science, September 26, 2018, Solomons, MD, USA.

Ellis, E.C., 2018. Luxembourg: An Anthropocene Design Space. Eco-Century Workshop. University of Luxembourg, September 8, 2018, Luxembourg.

Ellis, E.C., 2018. Landscape of the Anthropocene: Evolving Towards a Shared Biosphere. Summer Design Institute, University of Virginia, August 6, 2018, Charlottesville, VA, USA.

Ellis, E.C., 2018. (online) Evolving Cultures of Natures. Scientific Agenda on Cultural Evolution: Social Impact of Transdisciplinary Thinking on Biocultural Diversity, UNESCO, July 6, 2018, Mexico City, Mexico.

Ellis, E.C., 2018. Evolving the Anthropocene. Kevin Laland Lab, University of St. Andrews, June 29, 2018. St. Andrews, Scotland, UK.

Ellis, E.C., 2018. Anthropogenic Ecologies: Deconstructing the Social Construction of Nature. Garden & Landscape Studies Graduate Workshop, Dumbarton Oaks. May 15, 2018. Washington, DC, USA.

Ellis, E.C., 2018. Used Planet: Globalizing Archaeological Knowledge to Map the Emergence & Spread of Human Land Use. Workshop: Data Scarcity of the Earth & Human Past, Stanford Humanities Center, Stanford University, May 4, 2018, Stanford, California, USA.

Ellis, E.C., 2018. Evolving the Anthropocene. CUERE Seminar Series. February 19, 2018. Baltimore, MD, USA.

Ellis, E.C., 2017. The Emergence, Ecology and Future of Anthropogenic Biomes. Midday Dialogue, Mellon Initiative in Urban Landscape Studies at Dumbarton Oaks. November 29, 2017. Washington, DC, USA.

Ellis, E.C., 2017. No Cockpit: Evolving a Better Anthropocene. Opening Night Insight, Breakthrough Dialogue East. November 16, 2017. Airlie, Virginia, USA.

Ellis, E.C., 2017. The Handoff Problem: Deconstructing the Social Construction of Nature. Thaler Lecture, Department of Landscape Architecture, University of Virginia. November 13, 2017. Charlottesville, Virginia, USA.

Ellis, E.C., 2017. Natural assets across the anthropogenic biosphere. Future Earth Natural Assets Knowledge Action Network Workshop, University of Bern. September 12, 2017. Bern, Switzerland.

Ellis, E.C., 2017. Land Change in the Anthropocene: Why Humans Transformed Earth. Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences. July 14, 2017. Beijing, China.

Ellis, E.C., 2017. Ecology in the Anthropocene: Why Humans Transformed Earth. TESAF, University of Padova. June 14, 2017. Padova, Italy.

Ellis, E.C., 2017. Human Transformation of Land and Ecology in the Anthropocene. TESAF, University of Padova. May 25, 2017. Padova, Italy.

Ellis, E.C., 2017. From Pleistocene to Anthropocene: Why Humans Transformed Earth and Climate. Humanities Center, VU University. May 2, 2017. Amsterdam, Netherlands.

Ellis, E.C., 2017. Conserving Wildness in an Anthropogenic Biosphere. Fish, Wildlife & Conservation Biology Seminar, Colorado State University. February 10, 2017. Fort Collins, Colorado, USA.

Ellis, E.C., 2017. Anthromes. Global Development Risk Assessment Science Advisory Meeting, The Nature Conservancy. February 7, 2017, Fort Collins, Colorado, USA.

Ellis, E.C., 2016. Global Land Change: From Pleistocene to Anthropocene. Colloquium in Climatology, Climate Impact & Remote Sensing, University of Bern. December 7, 2016. Bern, Switzerland.

Ellis, E.C., 2016. The GLOBE Project: Online Tools for Global Synthesis of Local Knowledge. Belmont Forum: E-infrastructures & Data Management Exemplars Workshop November 28, 2016. Paris, France.

Ellis, E.C., 2016. Shaping Nature on a Human Planet. Landscapes of the Anthropocene: Program 2. Smithsonian National Museum of Natural History. November 22, 2016. Washington, DC USA

Ellis, E.C., 2016. Entangling Anthromes: Evolving Niche, Biosphere & Design in the Anthropocene. Landscape Architecture, University of Pennsylvania. November 21, 2016. Philadelphia, PA USA.

Ellis, E.C., 2016. Why Humans Shape Ecology: Designing Wildness in the Anthropocene. Landscape Architecture, Harvard Graduate School of Design. November 17, 2016. Cambridge, MA USA.

Ellis, E.C., 2016. Evolving Towards a Better Anthropocene. Yale School of Forestry & Environmental Studies, Yale University. November 16, 2016. New Haven, CT USA.

Ellis, E.C., 2016. Human Transformation of the Biosphere. M. Gordon Wolman Seminar, Engineering, Johns Hopkins University. November 15, 2016. Baltimore, MD USA.

Ellis, E.C., 2016. Evolving the Anthropocene. Evolutionary Studies Program Seminar Series. Binghamton University. November 14, 2016. Binghamton, NY, USA.

Ellis, E.C., 2016. Ecology in the Anthropocene: Why Humans Transformed Earth. School of Geographic Sciences, East China Normal University. November 2, 2016. Shanghai, China.

Ellis, E.C., 2016. Ecology in a Human Biosphere. Jiangsu Academy of Agricultural of Sciences. October 31, 2016, Xiaolingwei, Nanjing, China.

Ellis, E.C., 2016. Sociocultural Regime Shifts and Ecological Change in the Anthropocene. Nanjing Institute of Geography & Limnology, Chinese Academy of Sciences. October 31, 2016, Nanjing, China.

Ellis, E.C., 2016. Ecology & Evolution in the Anthropocene. Ecology & Evolution Group, University of Maryland, Baltimore County. April 25, 2016, Baltimore, MD USA.

Ellis, E.C., 2016. Anthropocene Ecology: Can Humanity Transform Earth for the Better? Anthropocene Biosphere: Public Panel Discussion, University of Oklahoma. April 14, 2016, Norman, OK USA.

Ellis, E.C., 2016. Anthropocene Opportunities: Can Humanity Transform Earth for the Better? Department of Environmental Science, University of Virginia. April 7, 2016, Charlottesville, VA USA.

Ellis, E.C., 2016. The Emergence of Humanity as a Global Force in the Earth System. Anthropocene Workshop, Aarhus University. March 6, 2016, Aarhus, DK.

Ellis, E.C., 2016. Used Planet: Why Humanity Changed Earth. Adrift in the Anthropocene: Spring Colloquium, Berry College. February 18, 2016, Mount Berry, GA USA.

Ellis, E.C., 2016. Human Transformation of Earth's Ecology. Geography Department, Virginia Tech University. February 12, 2016, Blacksburg, VA USA.

Ellis, E.C., 2015. Human Agency, Intentionality, and Niche Construction. Currents: Humanities Work Now, Dresher Center, University of Maryland, Baltimore County. November 18, 2015, Baltimore, MD, USA.

Ellis, E.C., 2015. Ecology of the Anthropocene. Perspectives on the Anthropocene, Society-Nature Forum, Universite de Lausanne. November 13, 2015, Lausanne, Switzerland.

Ellis, E.C., 2015. Adapting to the Anthropocene. Fall 2015 Research Forum: Climate Change and the Environment, University of Maryland, Baltimore County. October 30, 2015, Baltimore, MD, USA.

Ellis, E.C., 2015. Anthroecology on Design [remote video]. Video-lectures series: Climate change(s) design, Università Iuav di Venezia. October 14, 2015, Venezia, Italy.

Ellis, E.C., 2015. The Emergence of Humanity as a Global Force in the Earth System. Archaeology Program Seminar Series, Harvard University. September 30, 2015, Cambridge, MA, USA.

Ellis, E.C., 2015. Ecology in a Human Biosphere. Friday Evening Lecture Series – Glassman Lecture, Marine Biological Laboratory. August 14, 2015, Woods Hole, MA, USA.

Elli, E.C., 2015. The Great Decoupling: Sociocultural Niche Construction and the Anthropocene. The Breakthrough Institute. July 13, 2015, Oakland, CA, USA.

Ellis, E.C., 2015. Ecology in an Anthropogenic Biosphere. Santa Clara University. May 8, 2015, Santa Clara, CA, USA.

Ellis, E.C., 2015. Observing the Anthropocene: Challenges and Opportunities. Planet Labs. April 4, 2015, San Francisco, CA, USA.

Ellis, E.C., 2014. Roger Spanswick as a Mentor. Biological and Environmental Engineering Department's Symposium: Celebrating a Life: Roger Spanswick. June 2, 2014, Cornell University, Ithaca, NY, USA

Ellis, E.C., 2014. Ecological Implications of Anthromes. Natural Resources, Ecology, and Public Policy: Time for Some Unconventional Ideas? Resources for the Future First Wednesday Seminar, May 28, 2014, Resources for the Future, Washington, DC.

Ellis, E.C., 2014. Long Term Ecological Changes in China's Villages. 2014 Environmental Challenges in China Symposium. Global China Connection Johns Hopkins University Chapter. April 12, 2014, Baltimore, MD, USA.

Ellis, E.C., 2014. Towards a Global Archaeology of the Anthropocene. Program in Human Ecology and Archaeobiology, National Museum of Natural History. Smithsonian Institution, March 10, 2014, Washington, DC. USA.

Ellis, E.C., 2014. Emergence of the Anthropocene Biosphere. 2014 Geodynamics Program- Anthropocene: From Land to the Ocean. Woods Hole Oceanographic Institution, February 25, 2014, Woods Hole, MA, USA.

Ellis, E.C., 2014. Global Ecology and the History of Humans on the Land. Chesapeake Bay in the Anthropocene Epoch. NOAA Environmental Science Training Center, January 30, 2014, Oxford, MD, USA.

Ellis, E.C., 2014. A Global Archaeology of the Anthropocene. Harvard Archaeology Program Seminar Series. Peabody Museum, January 29, 2014, Cambridge, MA, USA.

Ellis, E.C., 2013. Observing the Anthropocene Challenges & Opportunities Geospatial Science and Engineering (GSE) Seminar, South Dakota State University, December 2, 2013, Brookings, SD, USA.

Ellis, E.C., 2013. Anthropocene Ecology: Emergence, Stewardship, Engineering, Design. University of Oklahoma, November 18, 2013, Norman, OK, USA.

Ellis, E.C., 2013. Global Ecology and the History of Humans on the Land. Arnold Arboretum. September 12, 2013, Cambridge, MA, USA.

Ellis, E.C., 2013. Extinct in the Wild: Human Use of the Terrestrial Biosphere. Breakthrough Dialogue, June 24, 2013, Cavallo Point, CA, USA.

Ellis, E.C., 2013. Anthropogenic Transformation of the Terrestrial Biosphere. The Earth in the Anthropocene Short Course, June 6, 2013, San Vito di Cadore, Italy.

Ellis, E.C., 2012. Agriculture in the Anthropocene: Growing a Sustainable Human Ecology. Pesek Colloquium on Sustainable Agriculture. Iowa State University, October 29, 2012, Ames, Iowa USA.

Ellis, E.C., 2012. Ecology in the Anthropocene: Sustaining the Human Biosphere. Ecology Center Seminar Series. Utah State University, October 10, 2012, Logan, Utah USA.

Ellis, E.C. 2012. Ecology in the Anthropocene. Research Center for Eco-Environmental Sciences. Chinese Academy of Sciences. July 13, 2012. Beijing, China.

Ellis, E.C. 2012. Ecology in the Anthropocene, School of Metallurgical & Ecological Engineering, University of Science & Technology Beijing. July 10, 2012. Beijing, China.

Ellis, E.C. 2012. Global Collaboration Engine (GLOBE): Cyber-Tools for Global Synthesis of Local Knowledge. Institute of Geographical Science and Natural Resources Research, Chinese Academy of Sciences. July 9, 2012. Beijing, China.

Ellis, E.C., 2012. Ecology of the Anthropocene Terrestrial Biosphere. NSF REU Site, Department of Ecology, Evolution, Miami University, June 18, 2012, Oxford, OH USA.

Ellis, E.C., 2012. Human Nature: Global Change and the Biosphere in the Anthropocene. Washington International School, March 15, 2012, Washington, DC USA.

Ellis, E.C., 2011. A Global Perspective on Biodiversity Conservation in Anthropogenic Landscapes. USAID April 13, 2011, Washington, DC USA.

Ellis, E.C., 2011. The Global Shape of Human Nature. Department of Geography, The Pennsylvania State University, April 8, 2011, State College, PA USA.

Ellis, E.C., 2011. Ancient Anthropogenic Landscapes and the Emergence of the Anthropocene. Weston Lecture Series. University of Wisconsin, March 31, 2011, Madison, WI USA.

Ellis, E.C., 2011. Anthrome Neighborhoods: Globalizing Local. National Academy of Sciences, March 28, 2011, Washington, DC USA.

Ellis, E.C., 2010. Reinventing Ecology in the Anthropocene. Ecologies in the Balance Series. Rutgers University. November 3, 2010, New Brunswick, NJ USA.

Ellis, E.C. 2010. Anthropogenic Biomes and Global Change: Investigating a Biosphere Reshaped by Humans (人为生物群落与全球变化：调查人类重塑的生物圈). China Ecological Forum, Institute of Geographical Science and Natural Resources Research, Chinese Academy of Sciences. June 29, 2010. Beijing, China.

Ellis, E.C. and J. Dandois. 2010. Inexpensive Researcher-Deployed 3D Scanning for Vegetation Measurements. Department of Remote Sensing Applications, Chinese Academy of Forestry. June 28, 2010. Beijing, China

Ellis, E.C., 2010. Long-Term Changes in Anthropogenic Wetlands: Poyang Lake, China and Lake Okeechobee, USA. NSF/NCU Workshop on Poyang Lake Region, China on Environmental Science, Engineering and Sustainable Development. June 24, 2010, Nanchang University, Nanchang, Jiangxi, China.

Ellis, E.C., 2010. The Anthropocene and Anthropogenic Biomes. School of Natural Resources and Environment, University of Michigan. March 24, 2010, Ann Arbor, Michigan.

Ellis, E.C., 2010. Anthropogenic Biomes: Creating the Human Biosphere. Department of Geography, Ohio State University. February 25, 2010, Columbus, Ohio.

Ellis, E.C., 2009. Long-Term Changes in the Densely Populated Landscapes of Coastal China & the Coastal USA. US National Science Foundation (NSF) and National Natural Science Foundation of China (NSFC), Second NSF-NSFC US-China Exchange to Explore Research Cooperation on Climate Change, October 23, 2009, UMBC, Baltimore, MD.

Ellis, E.C., 2009. The Anthropocene and Anthropogenic Biomes: A New Way of Understanding and Measuring Human Impact on the Earth. Biodiversity & Forestry Seminar Series. US Agency for International Development, October 1, 2009, Washington DC.

Ellis, E.C., 2009. Human Restructuring of the Terrestrial Biosphere, Surface Processes and Global Climate. Physics Colloquium, UMBC. September 16, 2009, Baltimore, Maryland.

Ellis, E.C., 2009. Anthropogenic Biomes: A New Model for a Used Biosphere. Netherlands Environmental Assessment Agency (PBL), May 28, 2009, Bilthoven, Netherlands.

Ellis, E.C., 2009. Global Land Collaboration Engine: A Networking and Synthesis Tool for Global Land Research. Global Land Project (GLP) Scientific Steering Committee Meeting, May 27, 2009, Wageningen, Netherlands.

Ellis, E.C., 2009. Anthropogenic Biomes: New Vision for a Used Biosphere. Center for Sustainability and the Global Environment (SAGE), University of Wisconsin, May 14, 2009, Madison, Wisconsin.

Ellis, E.C., 2009. Nitrogen Fixation: Local Changes, Global Impacts (or How Nodulation Genetics Got Me into a World of Trouble!). Symposium in Honor of Dr. Thomas E. Devine. Agricultural Research Service, USDA, Beltsville , March 26, 2009, Beltsville, Maryland.

Ellis, E.C., 2009. Anthropogenic Biomes: New Model, Old Biosphere. Department of Geography, University of Maryland, College Park, March 12, 2009, College Park, Maryland.

Ellis, E.C., 2009. Changing Climate by Managing Land: Past, Present and Future. Sustainability Lecture Series, Coppin State University, February 27, 2009, Baltimore, Maryland.

Ellis, E.C., 2008. Anthropogenic Biomes: Conserving Biodiversity in an Anthropogenic Biosphere. Conservation International, December 8, 2008, Arlington, Virginia.

Ellis, E.C., 2008. Anthropogenic Biomes: A Global Vision for Earth Science in the 21st Century, Department of Earth & Planetary Sciences, Johns Hopkins University, October 30, 2008, Baltimore, Maryland.

Ellis, E.C., 2008. Sustainable Management of an Anthropogenic Biosphere: Lessons from China, Department of Ecology and Evolutionary Biology, Cornell University, October 20, 2008, Ithaca, New York.

Ellis, E.C., 2008. Agriculture in a Global Context: Anthropogenic Biomes, Land-Use Systems and Global Climate Change. German-US Conference: Tough Choices - Land Use under a Changing Climate, October 2 – 3, Berlin, Germany.

Ellis, E.C., 2008. Anthropogenic Biomes: A Global Vision for Ecology in the 21st Century, Department of Environmental Sciences, University of Virginia, September 11, 2008, Charlottesville, Virginia.

Ellis, E.C., 2008. Urban Systems in a Global Context: Anthropogenic Biomes of the World. Center for Urban Environmental Research and Education (CUERE), University of Maryland, Baltimore County, September 5, 2008, Baltimore, Maryland.

Ellis, E.C., 2008. Anthropogenic biomes: a framework for earth science and ecology in the 21st century. Department of Earth & Ocean Sciences, Duke University, February 29, 2008, Durham, North Carolina.

Ellis, E.C., 2008. Anthropogenic biomes: mapping an anthropogenic biosphere. National Geographic Society (Maps), February 6, 2008, Washington, DC.

Ellis, E.C., 2008. Anthropogenic biomes: a 21st century view of the biosphere. Department of Geography & Environment, Boston University, January 25, 2008, Boston, Massachusetts.

Ellis, E.C., 2007. Measuring the global impacts of local changes across rural China. Geospectives presentation, Department of Geography, McGill University, October 19, 2007, Montreal, Quebec, Canada.

Ellis, E.C., 2007. Changes in land use and biogeochemistry across China's village landscapes, 1945 to 2002. Institute of Soil Science, Chinese Academy of Sciences, May 29, 2007, Nanjing, Jiangsu, China.

Ellis, E.C., 2007. Anthropogenic biomes: a global framework for ecology in the 21st century. Department of Environmental Studies, University of California, May 14, 2007, Santa Cruz, California.

Ellis, E.C., 2007. Local changes with global impacts: long-term ecological change in China's densely-populated rural landscapes. Department of Plant & Soil Science, University of Vermont, March 27, 2007, Burlington, Vermont.

Ellis, E.C., 2007. Putting People in the Map: Anthropogenic Biomes of the World. Department of Plant & Soil Science, University of Vermont, March 25, 2007, Burlington, Vermont.

Ellis, E.C., 2006. Combining site-based research with regionally optimized bootstrapping to estimate long-term ecological changes across rural China. Department of Mathematics & Statistics, UMBC, October 6, 2006, Baltimore, Maryland.

Ellis, E.C., 2006. Long-Term Ecological Changes in China's Densely Populated Rural Landscapes: Local Changes with Global Impacts. Department of Global Ecology, Carnegie Institute of Washington, February 22, 2006, Stanford, California.

Ellis, E.C., 2005. Measuring long-term ecological changes across China's densely populated rural landscapes. Division of Environmental Biology, National Science Foundation, January 31, 2005, Arlington, VA.

Ellis, E.C., 2004. Measuring long-term ecological changes in densely populated landscapes. Department of Geography, University of Maryland, College Park, October 28, 2004, College Park, Maryland.

Ellis, E.C., 2004. Ecological impacts of long-term changes in land use across China's village landscapes. Department of Geography, The George Washington University, October 14, 2004, Washington, DC.

Ellis, E.C., 2003. Village landscapes, global change and China. Division of Earth and Ocean Sciences, Duke University, September 26, 2003, Durham, North Carolina.

Ellis, E.C., 2002. Measuring long-term ecological changes in densely populated landscapes. Institute of Geography & Natural Resources Research, Chinese Academy of Sciences, December 13, 2002, Beijing, China.

Ellis, E.C., 2001. China's village landscapes and global change. Department of Geography, Pennsylvania State University, October 12, 2001, State College, Pennsylvania.

Ellis, E.C., 2001. China's rural landscapes and global biogeochemical change. Jiangsu Department of Agriculture and Forestry, January 14, 2001, Nanjing, Jiangsu, China.

Ellis, E.C., 2001. Asian village landscapes and global biogeochemical change. Institute of Soil Science, Chinese Academy of Sciences, January 13, 2001, Nanjing, Jiangsu, China.

Web Sites

2012 - 2019	PI, GLOBE Project: http://globe.umbc.edu
2012 - 2019	Webmaster, community site for the Ecosynth project: http://ecosynth.org
2002 -2019	Designer & webmaster, lab website with educational content on anthromes and ecological change mapping: http://www.ecotope.org
1998 – 2000	Designer & webmaster, Agroecology website, University of California Santa Cruz: http://www.agroecology.org

Media Coverage of Research

Gorman, J. 2019. Humans Dominated Earth Earlier Than Previously Thought. August 29, 2019 in *The New York Times*, New York.

Monastersky, R. 2015. Anthropocene: The human age. *Nature* 519, 144–147.

Biello, David. 2013. How Long Have Humans Dominated the Planet? December 6, 2013. *Scientific American* (online). http://www.scientificamerican.com/article.cfm?id=length-of-human-domination

Kemp, C. 2013. Primeval planet: What if humans had never existed? November 16, 2013. Pages 34-38 in *NewScientist*.

Ellis, Erle C.. 2013. More on Population Growth and Planetary Prospects. Edited by Andrew C. Revkin, *Dot Earth Blog*. *New York Times* [Published September 20, 2013]

http://dotearth.blogs.nytimes.com/2013/09/20/more-on-population-growth-and-planetary-prospects/

Vince, Gaia. 2012. The Age We Made. October 22, 2012 (Episode 1), November 5, 2012 (Episode 3). Discovery, BBC World Service (Radio). <http://www.bbc.co.uk/programmes/p00z763q>, < http://www.bbc.co.uk/programmes/p0104hng>

Revkin, Andrew 2012. How Humans Spread Both Ecological Disruption and Diversity. January 19, 2012. *Dot Earth Blog, New York Times* <http://dotearth.blogs.nytimes.com/2012/01/19/how-humans-spread-both-ecological-disruption-and-diversity/>

Vince, G. 2011. An Epoch Debate. *Science*, 334(6052):32-37.

Malakoff, D. 2011. Are More People Necessarily a Problem? *Science*, 333(6042):544-546.

Morton, O. 2011. The geology of the planet- welcome to the Anthropocene. May 28, 2011. *The Economist*. <http://www.economist.com/node/18744401>

Grant, R. P. 2011. Editor's Choice in Ecology: Human Effects. *The Scientist*, 25(1):49. <http://www.the-scientist.com/2011/1/1/49/1/>

Keim, B. 2010. Maps: How Mankind Remade Nature. August 27, 2010. *Wired Science*. <http://www.wired.com/wiredscience/2010/08/new-anthrome-maps/>

Corbyn, Z. 2010. Ecologists shun the urban jungle. July 16, 2010. *Nature News*. <http://www.nature.com/news/2010/100716/full/news.2010.359.html>

Madrigal, A. 2009. "Should Earth Scientists Take a 'Hippocratic Oath'?" December 7, 2009. *Wired Science* < http://www.wired.com/wiredscience/2009/12/earth-science-oath/>

Monfreda, C. 2009. A New World Map. *Momentum*. Institute on the Environment, University of Minnesota, Minneapolis, MN,. FALL 09 – 2.1: 20-23.

Trenkle, A. 2009. Ancient farmers may have contributed to climate change. Monday November 2, 2009 UMBC Retriever 44:5. <http://www.retrieverweekly.com/?module=displaystory&story_id=4911>

Fahrenthold, D.A., 2009. Climate-Change Study Cites Role of Ancient Farming. September 28, 2009. *The Washington Post*, Washington DC. <http://www.washingtonpost.com/wp-dyn/content/article/2009/09/27/AR2009092701949.html?hpid=moreheadlines>

Erdman, S. L. 2009. Study: Global warming sparked by ancient farming methods. August 18, 2009. *CNN* <http://www.cnn.com/2009/TECH/science/08/18/ancient.global.warming/index.html>

Marris, E. 2009. News Feature: Ecology: Ragamuffin Earth. Pages 450-453 *Nature*.

Chatterjee, R. 2008. Putting people on the map. Pages 980–981 *Environmental Science & Technology*.

Pardini, F. 2008. O Mundo Conosco (in Portuguese). Pages 50-55 *Pagina 22*. Brazil.

Editor. 2008. What Do They Do with China? Some Maryland Scholars at Work (Erle Ellis: China's Rural Landscape), *The Faculty Voice*, 21 (4):5. University of Maryland, College Park, Maryland.

Holden, C. 2007. Humankind's global footprint. *Science* **318**: 1839.

Ribas, J. 2007. Human influence on ecology mapped. December 14, 2007. *Discovery Channel News* (video). <http://dsc.discovery.com/video/?playerId=203711706&categoryId=859974516&lineupId=1173351593&titleId=1343247706>

Madrigal, A. 2007. "Mapping the Humanized World." November 27, 2007. *Wired Science* <http://blog.wired.com/wiredscience/2007/11/mapping-the-hum.html>

Hopkin, M. 2005. Ecological Society of America, 12 August 2005, Day 6: A sense of scale. *news@nature.com* (http://www.nature.com/news/2005/050808/pf/050808-1_pf.html)

Horton, T., and H. Dewar. 2000. Feeding the world, poisoning the planet. Five part series starting September 24, 2000, *Baltimore Sun*, Baltimore, Maryland.

Mervis, J.D. 1995. Field research also needs the human touch. *Science* **270**:1145.

Wehrfritz, G. 1995. Chemicals are killing the 'Land of Fish and Rice'. *Newsweek* (International ed.) **125**(20):12-13. (May 15 issue)

Bruhns, A. 1995. Chinas schmutzige reisschale ('China's Dirty Rice'). *Greenpeace Magazin* (Germany) (4):50-51

Service to Department, University, Community & Profession

Service to Department

2010 -	Member, GIS Committee
2008 -	Promotion & Tenure Committee (Member; Chair 2008, 2009, 2015, 2018)
2007	Chair, Search Committee
2017 - 2018	Faculty Senate
2012 - 2013	Department Website Redesign
2010 - 2011	Graduate Program Director
2000 - 2008	Member, Environmental Science Degree Committee
2004 - 2008	Member, Curriculum Committee
2002 - 2003	Founder and Manager, Departmental Seminar Series

Service to the University

2019 –	Member, Research and Creative Achievement Council
2021 – 2024	Member, Valedictorian Selection Committee
2013 – 2015	Member, Special Research Assistantship/Initiative Support Committee
2013 – 2015	Member, Fulbright Reviews Committee
2013 – 2015	Member, Regents Faculty Awards Committee
2008 – 2013	Member, Campus Computing Committee
2004 - 2006	Member, Faculty Development Steering Committee
2003	Presenter, University China Day program

Service to the Community

2013	Participant, STEM Challenge, Maryland Business Roundtable
2009 – 2010	Presentations to Roland Park Elementary School (K, 1st)
2001 -	Invited course lectures, The Johns Hopkins University
2001	Presenter, International Agroecology Short Course, Santa Cruz.
2000	Prepared and presented ecological maps, Rognell Heights Community

Service to the Profession

2024 -	Chapter Author, US National Nature Assessment
2024 -	Editorial Board, Environmental Conservation
2022 -	Lead Author, Transformative Change Assessment, Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES)
2019 -	Editorial Board, *People and Nature*
2018 -	Member, Nature Needs Half Advisory Committee
2018 -	Fellow, Global Land Programme (GLP)
2013 -	Editorial Board, *The Anthropocene Review*
2012 –	Member, Rapid Response Team, Ecological Society of America
2012 -	Senior Fellow, Breakthrough Institute
2008 -	Editorial Board, *Acta Ecologica Sinica* (International Journal)
2008 -	Editorial Board *Agroecology and Sustainable Food Systems*, (was *Journal of Sustainable Agriculture)*
2017 - 2023	Contributing Editor, *Progress in Physical Geography*
2009 - 2023	Member, Anthropocene Working Group, International Commission on Stratigraphy
2018 - 2020	Editorial Board, *Annals of the American Association of Geographers*
2017 - 2021	Editorial Board, *Quaternary*
2016 - 2021	Editorial Board, *Land*; Section Editor for Land Systems and Global Change
2012 – 2017	Member, Scientific Steering Committee, Global Land Project (GLP SSC)
2008 - 2013	Chair (2012-2013), Vice Chair (2009-2011), Webmaster (2008-2010) Human Ecology Section, Ecological Society of America (ESA)
2011 - 2015	Member, User Working Group, Socioeconomic Data & Applications Center (SEDAC), NASA.
2007 - 2010	Editor, *Encyclopedia of Earth*.

Workshops/professional participation: Moderator, Realities and Realms: Responsive Technologies in Ecological Systems (2016; Harvard Graduate School of Design, Cambridge, MA USA); Co-PI, Global Knowledge Gaps: Assessing global knowledge gaps in local land change studies (2016; National Social Environmental Synthesis Center (SESYNC), Annapolis, Maryland); Representative of Ecological Society of America, Scientific Societies and the Unifying Message, Pursuing a Unifying Message in Support of Food, Agricultural and Natural Resources Research (December 9, 2015, American Association for the Advancement Science, Washington, DC); Participant, Land Use 6000 (LU6K) Workshop (October 22-23, 2015, University of Chicago Center, Paris, France); Participant, Human Niche Construction Workshop (October 16-17, 2015, Rachel Carson Center, Munich, Germany); Participant, Google Earth Engine User Summit 2015 (Google, Mountain View, CA); Panelist, Creative Conservation: How Humanity Innovates to Protect Nature (Resources for the Future Seminar, May 27, 2015, Washington, DC); Participant, Global Biodiversity Monitoring, Prediction & Reporting (2015- ; Future Earth / Yale University); Participant, Seeds of a Good Anthropocene (2015- Stellenbosch, South Africa, Stockholm, Sweden; Future Earth / Stockholm Resilience Center); Co-presenter of Anthropogenic Landscapes Seminar, Anthropocene Curriculum/Anthropocene Campus (2014- ; House der Kulturen der Welt, Berlin, Germany); Co-presenter of Island: Perspectives, Dialogue with Emma Marris, Interviews with Bernd Scherer, The Anthropocene Project (2013-2014; House der Kulturen der Welt, Berlin, Germany); Participant, Future Earth Projects Meeting (2014; Future Earth/National Academy of Sciences, Washington DC); Co-PI, Globalizing Our Understanding of Land-use Change (2013; National Social Environmental Synthesis Center (SESYNC), Annapolis, Maryland); Participant, Global Land Use Data Workshop (2008; Institute of Social Ecology, Vienna, Austria, cohosted by the Netherlands Environmental Assessment Agency (PBL) and the Global Land Project).

Conference symposia/sessions chaired: AAAS 2023 (Co-Chair), Resilience 2014 (Co-Chair), Ecological Society of America Annual Meeting (Co-Chair, 2013; Minneapolis, Minnesota; Chair, 2010, Pittsburgh, Pennsylvania; Chair, 2009, Albuquerque, New Mexico; Chair, 2005, Montreal, Canada; Co-Chair, 2004, Portland, Oregon; Co-Chair, 1999, Spokane, Washington); Global Land Project Open Science Meeting (Chair, 2010, Phoenix, Arizona; Session Chair, Workshop Organizer, World Café Organizer, 2016, Beijing China), Ester Boserup Conference, Vienna, Austria (Chair, 2010), American Geophysical Union Annual Meeting (Chair, 2015, 2008); Ecosummit 2007, Beijing, China (chair, 2007); Nitrogen 2001 Conference, Potomac, Maryland (Co-Chair); VII International Congress of Ecology (INTECOL), Florence, Italy (Co-Chair, 1998).

Reviews for Foundations & Panels: National Science Foundation (2001-); Editorial reviewer (2001), the International Workshop on Nitrogen Fertilization in East Asian Countries, Tsukuba, Japan. Reviewer (2004), National Academy of Sciences, Panel on New Research in Population and Environment, Big Ideas @ Berkeley, NASA, EPA.

Reviews for Journals: *Agriculture, Ecosystems & Environment; AMBIO; Annals of the Association of American Geographers; Anthropocene; The Anthropocene Review, Applied Vegetation Science; Area; Basic and Applied Ecology; Biological Conservation; Biological Reviews; BioScience; Communications Earth & Environment; Conservation Biology; Conservation Letters; Current Biology; Current Opinion in Environmental Sustainability; Diversity and Distributions; Earth's Future; Ecography; Ecological Applications; Ecological Economics; Ecological Engineering; Ecological Monographs; Ecology and Evolution; Ecology Letters; Ecosystems; Environmental Modeling and Assessment; Environmental Modelling & Software; Environmental Research Letters; Environmental Science & Policy; Evolutionary Anthropology; Forest Ecology and Management; Frontiers in Ecology and the Environment; Geoderma; Geographical Review; The Geological Society of London Special Publications; Geophysical Research Letters; Global Biogeochemical Cycles; Global Change Biology; Global Ecology and Biogeography; Global Ecology and Conservation; Global Environmental Change; Global Policy; The Holocene; Human Ecology; IEEE Geoscience and Remote Sensing Letters; ISPRS International Journal of Geo-Information; Journal of Agricultural Science; Journal of Applied Geography; Journal of Environmental Management; Journal of Environmental Quality; Journal of Geophysical Research; Journal of Historical Geography; Journal of Land Use Science; Journal of Sustainable Agriculture; The Lancet; Land; Landscape Ecology; Landscape and Urban Planning; Landscape Journal; Land Use Policy; Methods in Ecology and Evolution; National Science Review; Nature; Nature Ecology and Evolution; Nature Human Behaviour; Nature Sustainability; Nutrient Cycling in Agroecosystems; One Earth; Palaeogeography, Palaeoclimatology, Palaeoecology; Pedosphere; Philosophical Transactions of the Royal Society B; Proceedings of the National Academy of Sciences of the United States of America;*

Proceedings of the Royal Society B: Biological Science; The Professional Geographer; Progress in Human Geography; Progress in Physical Geography; Quaternary; Quaternary Science Reviews; Regional Environmental Change; Remote Sensing; Remote Sensing of Environment; Restoration Ecology; Science; Science Advances; Scientific Reports; Sustainability; Sustainability Science; Sustainability: Science, Practice and Policy; Trends in Ecology and Evolution; Urban Ecosystems.

Professional Memberships

2017 -	Cultural Evolution Society
2011 -	Association of American Geographers
2008 -	Association for Environmental Studies and Sciences
2005 -	American Geophysical Union
2005 -	INTECOL
2000 -	International Association for Landscape Ecology
2000 -	American Institute of Biological Sciences
1997 -	Ecological Society of America
1996 -	AAAS