Curriculum Vitae

J. STEPHEN LANSING

Vienna Complexity Hub
Palais Strozzi
Josefstädter Straße 39
1080 Vienna, Austria
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External Professor, Santa Fe Institute
External Professor, Vienna Complexity Hub
Senior Research Fellow, Stockholm Resilience Centre

EDUCATION

Ph.D. Anthropology	University of Michigan	1977
Doctoral Fellow	Institute for Advanced Study, Princeton	1976
M.A. Anthropology	University of Michigan	1973
B.A., highest honors	Wesleyan University, CT	1972

PROFESSIONAL EXPERIENCE

Nanyang Technological University

2015-2019 Director, Complexity Institute
Professor, Asian School of Environment

Vienna Complexity Hub

2017- External Professor

Santa Fe Institute

2009- External Professor
2002-2007 Professor
1999-2002 External Professor

University of Arizona

2014- Professor Emeritus
2002-2014 Professor, Ecology & Evolutionary Biology
1998-2014 Professor, Anthropology

Stockholm University

2008- Senior Research Fellow, Stockholm Resilience Centre

University of Michigan

1995-8 Professor, School of Natural Resources and Environment
1995-8 Professor, Anthropology

University of Southern California

1990-6	Professor, Anthropology
1987-92	Chair, Department of Anthropology
1983	Associate Professor, Anthropology
1977	Assistant Professor, Anthropology

FELLOWSHIPS and AWARDS

2011 Distinguished Visiting Scholar, Nanyang Technological University
2011 Senior Research Fellow, Stockholm Resilience Centre
2007 Julian Steward Book Prize for *Perfect Order*
2007 Winifred Jean Stubbs Fellow, Institute for Advanced Study, Durham University
2000 Fellow, Center for Advanced Study in the Behavioral Sciences, Stanford
1997 University of Michigan Excellence in Research award
1995 J.I. Staley Book Prize ($7500) of the School of Advanced Research
1992 Phi Kappa Phi Book Prize
1986 Fulbright Senior Regional Research Fellow
1979 National Endowment for the Humanities
1976 Doctoral fellow, The Institute for Advanced Study, Princeton, N.J.
1974 Social Science Research Council Doctoral Fellowship
1974 Fulbright dissertation fellowship

PROFESSIONAL SOCIETIES AND EDITORIAL BOARDS

President, Anthropology and Environment Society
Editorial Board, Journal of Political Ecology
Editorial Board, Ecology and Society
American Anthropology Association
Koninklijk Instituut voor Taal-, Land- en Volkenkunde
Science Steering Committee and Robustness Advisory Board, Santa Fe Institute
Society for Political Ecology

RESEARCH INTERESTS

Complexity and anthropology, sociocultural theory, ecological anthropology, Indonesian ethnography, Austronesian ethnography and prehistory, ethnographic film

RESEARCH GRANTS (PRINCIPAL INVESTIGATOR)

2019 Leakey Foundation $23,190
"Pilot study of Cave Punan hunter-gatherers of Borneo"
2018 Singapore Ministry of Education Academic Research Fund S$79,996
"Modeling the effects of social processes on demography and lifestyle diseases"
2018 National Science Foundation $43,702
"Rapid: First contact with Punan Batu Hunter-Gatherers in Borneo"
2015 Singapore Ministry of Education Academic Research Fund S$1,004,073

"Co-evolution of Humans and Infectious Diseases in Island Southeast Asia"

2013 Nanyang Technological University S$500,000
"Transition pathways: islands of order"

2011 National Science Foundation $47,880
RAPID: Critical transitions in at-risk Balinese subaks

2007 National Science Foundation $1,247,928
"Anthropological models of social structure, genes and language"

2007 National Science Foundation $75,000
"Indonesian Origins: Genes, Languages and Cultures" video programs

2004 National Science Foundation $675,000
"The Austronesian Expansion: Reading Social Structure from the Genome"

2002 National Science Foundation $32,789
"Conference on Robustness in Coupled Natural and Human Systems"

2000 National Science Foundation #BCS-0083524 $1,000,000
"Biocomplexity: Emergence of cooperation from human-environmental interactions"

1997 University of Michigan $68,385
"Genesis: Agent-based modeling of behavioral ecology"

1996 United Nations Food and Agriculture Organization
"Computer Assisted Advisory and Planning (COMEXAP) Programme in Indonesia"

1995 National Science Foundation #SBR 962990 $188,671
"Integrative Modelling of Environmental Change in an Agroecosystem"

1993 United Nations Food and Agriculture Organization
"Computer Assisted Advisory and Planning (COMEXAP) Programme in Indonesia"

1993 National Science Foundation #BNS 9222426 $15,000
"Emergent Properties of Balinese Water Temples"

1992 Native American Rights Fund $24,000
"The Loss of a River: Management of Riverine Resources by the Skokomish Tribe"

1992 Advanced Technology Group, Apple Computer $24,000
"Microcomputer applications for sustainable development"

1990 National Science Foundation grant BNS 9005919 $30,000
"Comparative Socio-Bio-Physical Analysis of Balinese Irrigation"

1987 National Science Foundation grant #BNS-8705400 $96,714
"Ecosystem Model of Balinese Irrigation"

1986 National Science Foundation grant # 53-4804-9827 $20,391
"Irrigation Management by the Balinese Temple Ulun Danu Batur"

1983 National Science Foundation grant #53-4804-2751 $56,774
"Cultural Ecology of Balinese Water Temples"

PUBLICATIONS

BOOKS

Lansing, J. Stephen and Murray P. Cox. 2019. *Islands of Order*. Princeton Studies in Complexity. Princeton University Press.

Website for the book: www. islandsoforder. com

Lansing, J. Stephen and Julia Watson. 2012. *Guide to Bali's UNESCO World Heritage Tri Hita Karana: Cultural Landscape of Subaks and Water Temples.* Jakarta: Ministry of Education and Culture.

Perfect Order: Recognizing Complexity in Bali. 2006. Princeton Studies in Complexity. Princeton University Press.

Julian Steward Prize, American Anthropological Association.

Priests and Programmers: Technologies of Power in the Engineered Landscape of Bali. Princeton University Press, 1991. Revised 2nd edition 2007.

J.I. Staley Prize, School for Advanced Research.

The Balinese. 1994. New York: Harcourt Brace.

The Three Worlds of Bali. 1983. New York: Praeger

Evil in the Morning of the World: Phenomenological Approaches to a Balinese Community. 1974. Ann Arbor: Michigan Papers on South and Southeast Asia #6

ARTICLES AND CHAPTERS

Wall, J.D., E. Stawiski, A. Ratan, H. L. Kim, C. Kim, R. Gupta, K. Suryamohan, E.S. Gusareva, R.W. Purbojati, T. Bhangale, V. Stepanov, V. Kharkov, M.S. Schröder, V. Ramprasad, J. Tom, S. Durinck, Q. Bei, J. Li, S. Phalke, A. Basu, J. Stinson, S. Nair, S. Malaichamy, N.K. Biswas, J.C. Chambers, K.C. Cheng, J.T. George, S.S. Khor, C.-U. Kim, B.J. Kim, R. Menon, T. Sattibabu, A. Verma, V. Gopalan, B.M. Md-Zain, K.G. Chan, J.-Y. Shin, M. Pratapneni, S. Santhosh, K. Tokunaga, M. Parani, P. Natarajan, M. Hauser, R.R. Allingham, C. Santiago-Turla, A. Ghosh, S.G.K. Gadde, H. Sudoyo, **J.S. Lansing**, J. Friedlaender, M.P. Cox, M. Hammer, T. Karafet, K.C. Ang, S.Q. Mehdi, V. Radha, V. Mohan, P.P. Majumder, S. Seshagiri, J.-S. Seo, S. Schuster and A.S. Peterson. 2019. The GenomeAsia 100K Project: enabling genetic discoveries across Asia. Nature. In Press.

Chung, N.N., G.S. Jacobs, H. Sudoyo, S.G. Malik, L.Y. Chew, **J.S. Lansing** and M.P. Cox. 2019. Sex-linked genetic diversity originates from persistent sociocultural processes at microgeographic scales. Royal Society Open Science. In Press.

Guy Jacobs, G. Hudjashow, L. Saag, P.Kusuma, C. Darusallam, D. Lawson, M. Mondal, L. Padani, F. Ricaut, M. Stoneking, M. Metspalu, H. Sudoyo, **J.S. Lansing** and M. Cox. 2019. Multiple Deeply Divergent Densiovan ancesrtries in Papuans. Cell 177, 1–12. https://doi.org/10.1016/j.cell.2019.02.035

Lansing J. Stephen and Therese A. de Vet. 2018. Social-Ecological Systems. Hilary Callan, ed. Wiley: *The International Encyclopedia of Anthropology*. DOI: 10.1002/9781118924396

J. Stephen Lansing, Cheryl Abundo, Guy Jacobs, Elsa Guillot, Murray Cox, Stefan Thurner, Sean Downey, Lock Yue Chew, Tanmoy Bhattacharya and Herawati Sudoyo. 2017. Kinship structures create persistent channels for language transmission. *Proc Natl Acad Sci USA. Dec 5 2017, 114 (49): 12910-12915.*

J. Stephen Lansing, Stefan Thurner, Ning Ning Chung, Aurelie Coudurier-Cuveur, Cagil Karakas, Kurt Feysenmyer and Lock Yue Chew. Adaptive self-organization of Bali's ancient rice terraces. *Proc Natl Acad Sci USA,* June 5 2017.

H. S. Sugiarto, **J. S. Lansing**, N. N. Chung, C. H. Lai, S. A. Cheong and L. Y. Chew. 2017. Social cooperation and disharmony in communities mediated through common pool resource exploitation. Physical Review Letters 118, 208301 (2017).

Featured in https://phys.org/news/2017-05-phase-transitions-rice-farmers-insight.html

Windia W., Sedana G., De Vet T.A. and **J. S. Lansing**. Resilience of Balinese Subaks to Development Planning. 2017. In Paul Sillitoe ed, Indigenous knowledge: enhancing its contribution to natural resources management. Oxfordshire: CABi.

Georgi Hudjashov, Tatiana M. Karafet, Daniel J. Lawson, Sean Downey, Olga Savina, Herawati Sudoyo, **J. Stephen Lansing**, Michael F. Hammer, Murray P. Cox. 2017. Complex Patterns of Admixture across the Indonesian Archipelago . *Molecular Biology and Evolution*, Volume 34, Issue 10, 1 October 2017, 2439–2452.

Lansing J. Stephen and Therese A. de Vet. 2016. Social-Ecological Systems. International Encyclopedia of Anthropology. New York: Wiley Blackwell.

Murray P. Cox, Georgi Hudjashov, Andre Sim, Olga Savina, Tatiana M.Karafet, Herawati Sudoyo, and **J. Stephen Lansing.** 2016**.** Small Traditional Human Communities Sustain Genomic Diversity Over Microgeographic Scales Despite Linguistic Isolation. *Mol. Biol. Evol. 33(9): 2273–2284.*

Orr Y, Dove M and **J Lansing**. 2015. Environmental Anthropology. Annual Review of Anthropology. 44:153–68.

Guillot EG, Hazelton ML, Karafet TM, **Lansing J S,** Sudoyo H, Cox MP. 2015. Relaxed observance of traditional marriage rules allows social connectivity without loss of genetic diversity. *Mol Biol Evol* 32:2254-2262.

Commentary on this article: Caspermyer M. 2015. Kissing Cousins, Arranged Marriages, and Genetic Diversity. *Mol Biol Evol* (2015) 32 (9): 2498. http://mbe.oxfordjournals.org/content/32/9/2498.1

Lansing, J. & Durney F. 2015. Irrigation Societies. *International Encyclopedia of the Social & Behavioral Sciences,* Second Edition, 2015, 724–726.

Lansing J. 2015. Complexity: An Emerging Trend in the Social Sciences. In *Emerging Trends in the Social and Behavioral Sciences* (eds.) Robert Scott and Stephen Kosslyn, Hoboken, NJ: John Wiley and Sons. DOI: 10.1002/9781118900772.etrds0048

Michael Hammer, Tatiana Karafet, Fernando Mendez, Herawati Sudoyo, and **J. Lansing**. 2015. Improved phylogenetic resolution and rapid diversification of Y chromosome haplogroup K-M526 in Southeast Asia. *European Journal of Human Genetics* **23**, 369-373 (March 2015) | doi:10.1038/ejhg.2014.106

Sang Putu, Kaler Surata, Gusti Agung Sri, Rwa Jayantini, **John Stephen Lansing**. 2014. Exploring community capital of the Balinese Subak Cultural Heritage: a content analysis of participatory maps. *Journal of Environmental Education.*

Lansing J.S. et al. 2014. Regime Shifts in Balinese Subaks. *Current Anthropology* 55(2): 232-239.

Tumonggor, M., T.M. Karafet, S. Downey, **J.S. Lansing**, P. Norquest, H. Sudoyo, M. Hammer and M.P. Cox. 2014. Isolation, Contact and Social Behavior Shaped Genetic Diversity in West Timor. *Journal of Human Genetics* 59:494–503.

Guillot, E.G., M.K. Tumonggor, **J.S. Lansing**, H. Sudoyo and M.P. Cox. 2013. Climate Change Influenced Female Population Sizes through Time across the Indonesian Archipelago. Human Biology 85:135-152.

Tumonggor, M.K., Karafet, T.M., Hallmark, B., **Lansing, J.S**., Sudoyo, H., Hammer, M.F., and Cox, M.P. The Indonesian archipelago: an ancient genetic highway linking Asia and the Pacific. *Journal of Human Genetics*, 58:165-173.

Lansing, J. Stephen and Thérèse A. de Vet. Clifford Geertz. 2013. In R. Jon McGee and Richard L. Warms, eds. Theory in Social and Cultural Anthropology. NY: Sage Publications, 303-307.

Lansing, J. Stephen and Thérèse A. de Vet. 2012. The Functional Significance of Balinese Water Temples: A Reply to Critics. Human Ecology. Volume 40, Number 3 (2012), 453-467.

Lansing, J. Stephen, Siew Ann Cheong, Lock Yue Chew, Murray P. Cox, Moon-Ho Ringo Ho, Wayan Alit Arthawiguna. 2012. Alternate Stable States in a Social-Ecological System. Working Papers of the Santa Fe Institute 12-08-012.

Lansing, J. Stephen and James N. Kremer. 2011. Rice, Fish and the Planet. *Proc Natl Acad Sci USA,* vol. 108 no. 50, 19841-19842

Lansing, J. Stephen, Murray P. Cox, Therese A. de Vet, Sean S. Downey, Brian Hallmark and Herawati Sudoyo. 2011. An ongoing Austronesian expansion in Island Southeast Asia. *Journal of Anthropological Archaeology* 30 (3): 262-272.

Lansing, J. Stephen and Murray P. Cox. 2011. The Domain of the Replicators: Cultural Evolution and the Neutral Theory. *Current Anthropology,* February 2011: Vol. 52, No. 1, pp. 105-125

Lansing, J. Stephen and Karyn Fox. 2011. Niche construction on Bali: the gods of the countryside. *Phil. Trans. R. Soc. B 2011* ***366****, 927-934.*

Lansing, J. Stephen and Sean S. Downey. 2011. *Anthropology and Complexity.* In Clifford Hooker, ed., Philosophy of Complex Systems, Vol 10 of *Handbook of the Philosophy of Science.* 2011. North Holland: Elsevier, pp 569-601.

Tatiana M. Karafet, Brian Hallmark, Murray P. Cox, Herawati Sudoyo, Sean Downey, J. Stephen Lansing and Michael F. Hammer. 2010. "Major East-West Division Underlies Y Chromosome Stratification Across Indonesia", *Molecular Biology and Evolution* 27: 1833-1844.

Cox MP, Karafet TM, Lansing JS, Sudoyo H, Hammer MF. 2010. Autosomal and X-linked SNPs reveal a sharp transition from Asian to Melanesian ancestry in eastern Indonesia and a female-bias in admixture rates. Proc R Soc Lond B 277: 1589-1596.

Lansing, J. Stephen, Sean S. Downey, Marco Jannsen, John Schoenfelder. 2009. A Robust Budding Model of Balinese Water Temple Networks. *World Archaeology* ,Vol. 41(1): 112–133.

Lansing, J. Stephen. Complexité et anthropologie. 2009. *Nouvelles perspectives en sciences sociales.* Volume 4, numéro 2, avril 2009, pp. 47-52.

Lansing, J. Stephen, Joseph C. Watkins, Brian Hallmark, Murray P. Cox, Tatiana M. Karafet, Herawati Sudoyo, Michael F. Hammer. 2008. Male dominance rarely skews the frequency distribution of Y chromosome haplotypes in human populations. *Proc Natl Acad Sci USA 105: 11645–11650.*

Sean S. Downey , Brian Hallmark, Murray P. Cox , Peter Norquest, and J. Stephen Lansing. Computational Feature-Sensitive Reconstruction of Language Relationships: Developing the ALINE Distance for Comparative Historical Linguistic Reconstruction. 2008. *Journal of Quantitative Linguistics;Volume* 15; Number 4; pp. 340–369

Cox, Murray P., Alan J. Redd, Tatiana M. Karafet, Christine A. Ponder, J. Stephen Lansing, Herawati Sudoyo and Michael F. Hammer. 2007. A Polynesian motif on the Y chromosome: population structure in remote Oceania. *Human Biology* 79.5 (Oct 2007): 525(11).

Lansing, J. Stephen, Murray P. Cox, Sean S. Downey, Brandon M. Gabler, Brian Hallmark, Tatiana M. Karafet, Peter Norquest, John W. Schoenfelder, Herawati Sudoyo, Joseph C. Watkins, and Michael F. Hammer. 2007. Coevolution of languages and genes on the island of Sumba, eastern Indonesia. *Proc Natl Acad Sci USA* 104 (41): 16022-16026.

Lansing, J. Stephen, Tatiana M. Karafet, John Schoenfelder, and Michael F. Hammer. 2008. A DNA signature for the expansion of irrigation in Bali? In Sanchez-Mazas A, Blench R, Ross M, Peiros I, Lin M (eds), Past Human Migrations in East Asia and Taiwan: matching archaeology, linguistics and genetics. London: Routledge, 376-394.

Lansing, J. Stephen, John Schoenfelder and Vernon Scarborough. Rappaport's Rose: Structure, Agency and Historical Contingency in Ecological Anthropology. In Biersack A. and Greenberg J.B., ed., Reimagining Political Ecology. Durham & London: Duke University Press, 2006: 325-358.

Karafet,T.M., J. S. Lansing, Alan J. Redd, Joseph Watkins, I. W. Ardika, S. P.K. Surata, Laura Mayer, Michael Bamshad, Lynn Jorde, Michael F. Hammer. A Balinese Y chromosome perspective on the peopling of Indonesia: Genetic contributions from pre-Neolithic hunter-gatherers, Austronesian farmers, and Indian traders. *Human Biology*, Feb. 2005, v. 77 no. 1, pp.93-114.

Lansing, J. Stephen. 2005. On Irrigation and the Balinese State. *Current Anthropology* 46 (2):305-6.

Lansing, J. Stephen and John H. Miller. 2005. Cooperation Games and Ecological Feedback: Some Insights from Bali. *Current Anthropology* 46(2): 328-334.

Lansing, J. Stephen and Robert L. Axtell. *Afterword* to *Nonlinear Models for Archaeology and Anthropology: Continuing the Revolution*, edited by Christopher S. Beekman and William W. Baden. Ashgate Press, 2005: 139-146.

Lansing, J.S., A.J. Redd, T.M. Karafet, J. Watkins, I.W. Ardika, S.P.K. Surata, J.W. Schoenfelder, M. Campbell, A.M. Merriwether, and M.F. Hammer. 2006. Reply [to: Indian traders in Ancient Bali: A Reconsideration of the Evidence]. Antiquity 80(307): online at http://www.antiquity.ac.uk/ProjGall/lansing/index.html#response.

Marion Guy S., Robert B. Dunbar , David A. Mucciarone ,James N. Kremer, J. Stephen Lansing , Alit Arthawiguna 2005. Coral skeletal d15N reveals isotopic traces of an agricultural revolution. Marine Pollution Bulletin 50 (2005) 931–944.

Lansing, J. Stephen 2004. "Blood is not the only social bond", *The Times Higher Education Supplement*, Dec. 3, 2004.

Lansing, J.S., A.J. Redd, T.M. Karafet, J. Watkins, I.W. Ardika, S.P.K. Surata, J.W. Schoenfelder, M. Campbell, A.M. Merriwether, and M.F. Hammer. An Indian Trader in Ancient Bali? Antiquity 78:300 (2004): 287-293.

Lansing, J. Stephen. 2003. Comment on "The Precolonial Balinese State Reconsidered: A Critical Evaluation of Theory Construction on the Irrigation, the State, and Ritual" by Brigitta Hauser-Schäublin. *Current Anthropology* Vol 44, No. 2, April 2003

Lansing, J. Stephen. 2003. "Complex Adaptive Systems", *Annual Review of Anthropology* 32: 183-204.

Lansing, J. Stephen. 2003. "The Cognitive Machinery of Power: Reflections on Valeri's *Forest of Taboos*", *American Ethnologist,* August 2003

Lansing, J. Stephen. 2002. "'Artificial Societies' and the Social Sciences", Santa Fe Institute Working Papers and *Artificial Life* 8 (Oct. 2002): 279-292.

Lansing, J. Stephen. 2002. "Irrigation Societies", *International Encyclopedia of Social and Behavioral Sciences*, Elsevier Science Ltd., Oxford, 7910-7913

Lansing, J. Stephen, Vanda Gerhart, James N. Kremer , Patricia Kremer, Alit Arthawiguna, Suprapto, Ida Bagus Suryawan, I Gusti Arsana, Vernon L.Scarborough and Kimberly Mikita. 2001. "Volcanic Fertilization of Balinese Rice Paddies", *Ecological Economics* 38 (2001):383-390.

Scarborough, Vernon L., John W. Schoenfelder, and J. Stephen Lansing Ancient Water Management and Landscape Transformation at Sebatu, Bali. 2000. *Bulletin of the Indo-Pacific Prehistory Association* 20: 79-92.

Vernon L. Scarborough, John W. Schoenfelder and J. Stephen Lansing. 2000. "Early Statecraft on Bali: The Water Temple Complex and the Decentralization of the Political Economy". *Research in Economic Anthropology*, Vol. 20: 299-330.

Lansing, J. Stephen. 1999. "Anti-Chaos, Common Property and the Emergence of Cooperation", in Dynamics in *Human and Primate Societies: Agent-Based Modelling of Social and Spatial Processes*, ed. Timothy Kohler and George Gumerman, Santa Fe Institute and Oxford University Press: 207-224.

Lansing, J. Stephen. 1999. "Foucault and the Water Temples: A reply to Helmreich", *Critique of Anthropology* 20(3):337-46.

1999 J. Stephen Lansing and Therese A. deVet, "Head-hunting, chieftainship and alliance in southern Nias", in Structuralism's Transformations: Order and Revisions in Indonesian and Malay Societies, ed. Lorraine Aragon and Susan Russell. Tempe, AZ: Program for Southeast Asian Studies, Arizona State University, pp.69-91.

1998 J. Stephen Lansing, James N. Kremer and Barbara B. Smuts, "System-dependent selection, ecological feedback and the emergence of functional structure in ecosystems", Journal of Theoretical Biology **192**, 377-391.

1998 J. Stephen Lansing, Philip S. Lansing and Juliet Erazo,"The Value of a River". Journal of Political Ecology (5). http://dizzy.library.arizona.edu/ej/jpe/vol5~1.htm

1997 "Systems Theory", in Thomas Barfield, ed., The Blackwell Dictionary of Anthropology. Oxford: Blackwell Publishers Ltd., pp 462-63.

1997 Bali and Daisyworld: ecological feedback and the emergence of functional structure in ecosystems", Mathematical Social Sciences **33** (1997), 95-6.

1997 MacroScope: exploratory analysis of ecosystems for fieldworkers. Rome: United Nations Food and Agriculture Organization.

1996 "The Aesthetics of the Sounding of the Text", in Jerome Rothenberg and David Guss, eds., The Book, Spiritual Instrument. New York: Granary Books, 21-45.

1996 "Stella in Bali: Systems-ecological simulation modelling of irrigation systems", in Jonathan B. Mabry, ed., Canals and Communities: Small-scale irrigation systems. Tucson: University of Arizona Press.

1995 J. Stephen Lansing and James N. Kremer, "A Socio-ecological Analysis of Balinese Water Temples", in Indigenous Knowledge Systems: The Cultural Dimension of Development, ed. D.M. Warren, L. Jan Slikkerveer and David Brokensha. London: Intermediate Technology Publications, 1995: New York: 258-268.

1995 James N. Kremer and J. Stephen Lansing, "Modelling water temples and rice irrigation in Bali: a lesson in socio-ecological communication", in Charles A.S. Hall, ed., Maximum Power: The Ideas and Applications of H.T. Odum. Niwot, Colorado: University Press of Colorado: 100-108.

1995 J. Stephen Lansing and James N. Kremer, "Engineered Landscape: Balinese water temples and the ecology of rice", Encyclopedia Brittanica Yearbook of Science and the Future, 1996, pp. 196-219.

1994 Review of Frederick Barth, Balinese Worlds. Journal of Asian Studies, Summer 1994, 618-619.

1993 "Emergent Properties of Balinese Water Temples", American Anthropologist 95 (1) [March]:97-114. Also published in Christopher Langton, ed., Artificial Life III: Addison-Wesley and the Santa Fe Institute Studies in the Sciences of Complexity, Vol X: 201-225. Redwood City, CA, 1994

1990 "The Decolonization of Ethnographic Film", Society for Visual Anthropology Review, Spring 1990: 13-16.

1990 "Humanized Nature and Objective Spirit", Reviews in Anthropology Vol. 19:187-193.

1987 Review of Cederroth & Gerdin, eds., Rice Societies: Asian Problems and Prospects. American Anthropologist, Vol. 89:421-2, June 1987:495

1987 Review of Danker Schaareman, Tatulingga: Ritual and Social Organization in a Balinese Community. American Anthropologist Vol. 90, No. 2:467-8

1987 Balinese Water Temples and the Management of Irrigation. American Anthropologist 89:326-341.

1986 "Balinese Religion", in M. Eliade, ed., Encyclopedia of Religion. New York: MacMillan

1986 "Megalithic Cultures of Southeast Asia", in M. Eliade, ed., Encyclopedia of Religion. New York: MacMillan

1985 Review of Ian Mabbett, ed. Patterns of Kingship and Authority in Traditional Asia. Journal of Asian Studies,

1983 "The Indianization of Bali", Journal of Southeast Asian Studies, Vol. XIV, No. 2:409-421

1982 "The Sounding of the Text", in Rothenberg and Rothenberg, eds., Symposium of the Whole. Berkeley: University of California Press: 241-256.

1981 "A Balinese Faust", Parabola: Myth and the Quest for Meaning. Vol. VI, No. 4

1981 Review of Anthony Forge, Traditional Balinese Paintings. Journal of Asian Studies, Vol. XI, No. 4: 849-50.

1980 "Cycles of Time", Parabola: Myth and the Quest for Meaning. Vol VI, No. 4

1979 "In the World of the Sea Urchin: The Application of Husserlian Phenomenology to Cultural symbols", in Becker and Yengoyan, eds., The Imagination of Reality: Essays in Southeast Asian Coherence Systems. Norwood, N.J.: Ablex: 75-84.

1979 "The Court-Village Axis in the Balinese Arts", in E. Bruner, ed., Art, Ritual and Society in Indonesia. Ohio University Papers in Southeast Asia Studies.

1978 "Economic Growth and the Traditional Society: A Cautionary Tale from Bali", Human Organization, Vol. 37 no. 4:391-394

ETHNOGRAPHIC FILMS & SIMULATION MODELS

See http://www.slansing.org/films-and-videos.html

2016 Crossing the Wallace Line

2012 Steve Lansing: Bali's Water Temples.
http://poptech.org/popcasts/steve_lansing_balis_water_temples

2009 "Voyagers on the Ring of Fire"
A 47 minute anthropological film about genes, languages and the Austronesian expansion, produced for the National Science Foundation. Directed by J. Stephen Lansing, edited by A. Ashley Stinnett.

2006 "Perfect Order: A Thousand Years in Bali" Whole Earth Films and the Long Now Foundation. http://www.wholeearthfilms.com/lansing_stephen.html#

2003 SAIL (Simulated Agents in Love), An agent-based simulation of rule-based marriage and genetic relatedness
http://www.ic.arizona.edu/~lansing/home.htm

1999 "The Sacred Balance"

Anthropologist/presenter for sequences on Balinese ecology in a 4 part science series hosted by David Suzuki and co-funded by the National Science Foundation. See http://www.sacredbalance.com/web/baliintroduction.html
The Water Priests Apprentice simulation game:
http://www.sacredbalance.com/web/baliintroduction.html

1999 "Love in Paradise...?" (anthropologist/presenter)
A 27 minute video on Balinese ideas about love and marriage, produced by Cafe Productions for Geo (German televison).

1996 "The Way of Science" (anthropologist/presenter)
Program 4 of the PBS Science Series "The Human Quest", nationally broadcast beginning April 1996

1995 "The Tribe's Plan"
A fourteen minute video for the Skokomish Indian Tribe, produced and directed by J. Stephen Lansing.

1995 "Farmer's meeting"; "From the Mountains to the Sea"; "Aftermath of the Green Revolution": three short videos for the Balinese agro-ecology exhibit in "The Great Technology Challenge", a traveling exhibition on sustainable technology created by the California Museum of Science and Technology: Videos are shown in a Balinese farmer's meeting pavillion, accompanied by photos and interactive displays based on *Priests and Programmers: Technologies of Power in the Engineered Landscape of Bali.*

1994 Heal the Watershed!

A 22 minute video for the Skokomish Indian Tribe, produced and directed by J. Stephen Lansing. Finalist, Italian International Festival of Ethnographic Films, Sardinia, Oct. 12-15 1994.

1988 The Goddess and the Computer

A one hour ethnographic film, produced and directed by J. Stephen Lansing and Andre Singer. Camera by J. Stephen Lansing and Mike Thomson. Produced by Channel Four London and broadcast over British television November 11, 1988. Acquired for U.S. broadcast on the PBS science series "NOVA", WGBH Television (Boston). British selection for Italian International Festival of Ethnographic Films, Sardinia, Oct. 1-3 1990. Distributed in the U.S. by Documentary Educational Resources, Boston , MA (tel. 617-926-0492).http://web.me.com/stevelansing/Site_2/Videos_%26_talks.html

1988 Bali Model (a systems ecology model of water temples and paddy ecology)
http://web.me.com/stevelansing/Site_2/Bali_Model.html

1983 Chiefs and Kings of Indonesia
A one hour documentary film by J. Stephen Lansing, produced by The Disney Channel for "The Explorers" series. Distributed by The Disney Channel.

1981 The Three Worlds of Bali
A one hour ethnographic film, “written by J. Stephen Lansing and based upon his own research”. Broadcast over national public television in the ODYSSEY series on November 17, 1981. Awarded CINE Golden Eagle in 1982. Distributed by Documentary Educational Resources, Boston, MA (tel. 617-926-0492).