

Dr Ariane de Bremond – Curriculum Vitae

Personal Information

Name Ariane de Bremond
Citizenship Swiss | American
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Key Qualifications

- Collaborative, inter-and transdisciplinary systems thinker able to step into unfamiliar settings, identify problems and challenges, empower diverse stakeholders around common goals, develop solutions, and facilitate successful action plans.
- Fifteen years of ‘on the ground’ experience in Latin America supporting participatory, community-based processes to secure livelihoods and environments.
- Effective network and partnerships builder, adept at convening ‘high-level’ stakeholders around designing effective, solutions-oriented initiatives and policies in the Anthropocene.
- Mission-driven commitment to the generation of knowledge-driven action to create positive change.
- Demonstrated program innovator and manager capable of guiding, supporting, and empowering teams.
- Authentic communicator and active listener who enjoys storytelling to spark connection, build relationships and generate common understanding.

Education

2006 **Ph.D., Environmental Studies**, University of California, Santa Cruz
1992 **B.A. Cum Laude**, University of Colorado-Boulder – Double major: International Relations/Latin American Studies

Current Position

2016 – present **Executive Director**, International Programme Office, Global Land Programme
Senior Scientist, Centre for Development and Environment, University of Bern
Associate Research Professor, Geographical Sciences, University of Maryland (UMD), College Park, Maryland USA

Other Professional Experience

2010-2018 **Assistant Research Professor**, Geographical Sciences, University of Maryland (UMD), College Park, Maryland USA

2010-2016 **Research Affiliate**, Joint Global Change Research Institute (JGCRI), Pacific Northwest National Laboratory/UMD

2015-2016 **Stakeholder Engagement, Forest Governance and Tenure specialist**, World Bank Forest Carbon Partnership Facility (FCPF), Development of Republic of Congo’s ‘North Congo Emissions Reduction Program Document’ (ER-PD for 2016 Admission into the Forest Carbon Partnership Facility)

2015 **Deputy Team Leader**, Land Use and Climate Change Adaptation Assessment in West Africa (17 country assessment of geospatial capabilities for conservation and development). US Agency for International Development (USAID).

2010-2016 **Technical Advisor**, Terra Global Capital LLC, San Francisco, CA USA (land tenure, forest governance, institutional design)

2008 –2010	Assistant Professor and Director of Environmental Studies Program , Goucher College, Towson, Maryland USA
2005 –2008	Post-doctoral Research Associate , Global Change Program, The H. John Heinz III Center for Science, Economics, and the Environment, Washington, DC
1996-1997	Field staff civilian , United Nations Human Rights Verification Mission in Guatemala (MINUGUA) Coban, Alta Verapaz (Cobán Regional Office Lead: land conflict resolution, Socio-Economic Accords, verification of ILO 169 Indigenous and Tribal People’s Convention)
1995-1996	Observer/Electoral Coordinator , Organization of American States (OAS), Guatemala
1993-1996	Regional Programs Officer , Environment and Natural Resources Sector, Fundación Nacional para El Desarrollo (FUNDE) San Salvador, El Salvador

Select Grants, Research Awards, Fellowships, and Honors

2018	Senior Fellow, The Breakthrough Institute
2018	Member, Expert Advisory Committee to the Group on Earth Observations, Geneva
2017-2020	US NASA Land-Cover and Land-Use Change (LCLUC) program, “The Global Rush for Land: A Socio-Ecological Synthesis” Principle Investigator (2017-2020)
2015-2016	Dean’s Research Initiative: Understanding large-scale land acquisitions and their land change dimensions: Socio-environmental synthesis of the global ‘rush’ for land
2012-2014	Catalyzing Research on Environmental Change and Society in the Social Sciences and Humanities, PI, Ariane de Bremond, Office of the Dean of Behavioral and Social Sciences, University of Maryland
2012-2013	Vulnerability and Adaptation II, PI, Ariane de Bremond Joint Global Change Research Institute, Pacific Northwest National Laboratory, DOE

Languages

Spanish, English (fluent); French (advanced written/spoken)

Publications, Peer-reviewed

Meyfroidt, P*, **A. d. Bremond***, C. Ryan*, E. Archer, R. Aspinall, A. Chhabra, G. Câmara, 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. Heinemann, 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. O. Nielsen, D. Ojima, D. C. Parker, U. Pascual, J. R. Porter, N. Ramankutty, A. Reenberg, R. R. Chowdhury, K. C. Seto, V. Seufert, H. Shibata, A. Thomson, B. L. Turner, J. Urabe, A. Veldkamp, P. H. Verburg, G. Zeleke, and E. K. H. J. Ermgassen. (2022) “Ten facts about land systems for sustainability.” *Proc Natl Acad Sci U S A*. **co-corresponding authors*

Magliocca, N. R., E. Ellicott, Ingalls M.L., Epprecht M., Hett C., Nanhthavong V., and **A. de Bremond** (2022). "Spatio-temporal unevenness in local land system regime shifts caused by land deals in Lao PDR." *Ecology and Society* Special issue: Land acquisitions, well-being, and environment. Eds. A. de Bremond, D. Brown, A. Agrawal, & J. Southworth.

Magliocca, N. R., A. de Bremond, E. Ellicott, L. Seghezzo, C. D. Venencia, M. J. Moscario and C. Nolte (2022). "Two of a kind? Large-scale land acquisitions and commodity frontier expansion in Argentina’s Dry Chaco." *Ecology and Society* Special issue: Land acquisitions, well-being, and environment. Eds. A. de Bremond, D. Brown, A. Agrawal, & J. Southworth.

Agrawal, A., D. Brown, J. Southworth, **A. de Bremond**, and N. R. Magliocca (in review). "The role of land transactions in the structure of transformation." Special Issue: Land acquisitions, well-being, and environment. Eds. A. de Bremond, D. Brown, A. Agrawal, & J. Southworth.

Schneider, F., T. Tribaldos, C. Adler, R. Biggs, **A. de Bremond**, T. Buser, C. Krug, M.-F. Loutre, S. Moore, A. V. Norström, K. Paulavets, D. Urbach, E. Spehn, G. Wülser and R. Zondervan (2021). "Co-production of knowledge and sustainability transformations: a strategic compass for global research networks." *Current Opinion in Environmental Sustainability* 49: 127-142.

de Bremond, A. (2021). "The emergence of land systems as the nexus for sustainability transformations: This article belongs to *Ambio's* 50th Anniversary Collection. Theme: Agriculture land use." *Ambio* 50(7): 1299-1303.

Norström, A. V., C. Cvitanić, M. F. Löff, S. West, C. Wyborn, P. Balvanera, A. T. Bednarek, E. M. Bennett, R. Biggs, **A. de Bremond**, B. M. Campbell, J. G. Canadell, S. R. Carpenter, C. Folke, E. A. Fulton, O. Gaffney, S. Gelcich, J.-B. Jouffray, M. Leach, M. Le Tissier, B. Martín-López, E. Louder, M.-F. Loutre, A. M. Meadow, H. Nagendra, D. Payne, G. D. Peterson, B. Reyers, R. Scholes, C. I. Speranza, M. Spierenburg, M. Stafford-Smith, M. Tengö, S. van der Hel, I. van Putten and H. Österblom (2020). "Principles for knowledge co-production in sustainability research." *Nature Sustainability*. <https://doi.org/10.1038/s41893-019-0448-2>

Magliocca, N. R., Q. V. Khuc, **A. de Bremond** and E. A. Ellicott (2020). "Direct and indirect land-use change caused by large-scale land acquisitions in Cambodia." *Environmental Research Letters* 15(2): 024010. <https://doi.org/10.1088/1748-9326/ab6397>

de Bremond, A., A. Ehrensperger, I. Providoli and P. Messerli (2019). "What role for global change research networks in enabling transformative science for global sustainability? A Global Land Programme perspective." *Current Opinion in Environmental Sustainability* 38: 95-102. <https://doi.org/10.1016/j.cosust.2019.05.006>

Ehrensperger, A., **A. de Bremond**, I. Providoli and P. Messerli (2019). "Land system science and the 2030 agenda: exploring knowledge that supports sustainability transformation." *Current Opinion in Environmental Sustainability* 38: 68-76. <https://doi.org/10.1016/j.cosust.2019.04.006>

de Bremond, A., "Land, a nexus for sustainability transformations," in 'Voices- Land Users,' One Earth, Cell Press, October 25, 2019 Vol.1, issue 2

Oberlack, C., D. Sietz, E. Burgi Bonanomi, **A. de Bremond**, J. Dell'Angelo, K. Eisenack, E. C. Ellis, G. Epstein, M. Giger, A. Heinemann, C. Kimmich, M. T. J. Kok, D. Manuel-Navarrete, P. Messerli, P. Meyfroidt, T.O. Vaclavik and S. Villamayor-Tomas (2019). "Archetype analysis in sustainability research: meanings, motivations, and evidence-based policymaking." *Ecology and Society* 24(2). <https://doi.org/10.5751/ES-10747-240226>

Magliocca, N. R., Q. V. Khuc, E. A. Ellicott and **A. de Bremond** (2019). "Archetypical pathways of direct and indirect land-use change caused by Cambodia's economic land concessions." *Ecology and Society* 24(2). <https://doi.org/10.5751/ES-10954-240225>

Nielsen, J. Ø., **A. de Bremond**, R. R. Chowdhury, C. Friis, G. Metternicht, P. Meyfroidt, D. Munroe, U. Pascual, and A. Thomson (2019). "Toward a normative land systems science." *Current Opinion in Environmental Sustainability* 38: 1-6. <https://doi.org/10.1016/j.cosust.2019.02.003>

Roy Chowdhury, R., D. K. Munroe, and **A. de Bremond** (2019). "Editorial overview: Seeking solutions to land challenges of the Anthropocene: a land systems science perspective." *Current Opinion in Environmental Sustainability* 38: A1-A5. <https://doi.org/10.1016/j.cosust.2019.06.008>

Rocha, J., M. Baraibar, L. Deutsch, **A. de Bremond**, J. S. Oestreicher, F. Rositano and C. Gelabert (2019). "Toward understanding the dynamics of land change in Latin America: potential utility of a resilience approach for building archetypes of land-systems change." *Ecology and Society* 24(1). <https://doi.org/10.5751/ES-10349-240117>

Meyfroidt, P., R. Roy Chowdhury, **A. de Bremond**, E. C. Ellis, K. H. Erb, T. Filatova, R. D. Garrett, J. M. Grove, A. Heinemann, T. Kuemmerle, C. A. Kull, E. F. Lambin, Y. Landon, Y. le Polain de Waroux, P. Messerli, D. Müller, J. Ø. Nielsen, G. D. Peterson, V. Rodriguez García, M. Schlüter, B. L. Turner and P. H. Verburg (2018). "Middle-range theories of land system change." *Global Environmental Change* 53: 52-67.

<https://doi.org/10.1016/j.gloenvcha.2018.08.006>

Magliocca, N. R., E. C. Ellis, G. R. H. Allington, A. de Bremond, J. Dell'Angelo, O. Mertz, P. Messerli, P. Meyfroidt, R. Seppelt and P. H. Verburg (2018). "Closing global knowledge gaps: Producing generalized knowledge from case studies of social-ecological systems." *Global Environmental Change* 50: 1-14.

<https://doi.org/10.1016/j.gloenvcha.2018.03.003>

de Bremond, A., Preston, B.L., Rice, J., (2014). Improving the usability of integrated assessment for adaptation practice: Insights from the U.S. Southeast energy sector. *Environmental Science & Policy* 42, 45-55.

<https://doi.org/10.1016/j.envsci.2014.05.004>

de Bremond, A. and N. Engle, (2014). Adaptation policies to increase terrestrial ecosystem resilience: Potential utility of a multicriteria approach. *Mitigation and Adaptation Strategies for Global Change*.

<https://doi.org/10.1007/s11027-014-9541-z>

Engle, N. L., **de Bremond, A.**, Malone, E. L., and Moss, R. H., (2014). Integrating climate resilience and development: An indicator framework. *Mitigation and Adaptation Strategies for Global Change*. Published online 26 June 2013. <https://doi.org/10.1007/s11027-013-9475-x>

de Bremond, A. (2013). Harvesting peace from landscapes of conflict: Land, livelihoods, and nature in post-war El Salvador. *Journal of Political Ecology* (Special Issue: "Ecologies of Hope: The Prospect of New Development Hybrids"), 20 (8). http://jpe.library.arizona.edu/Volume20/Volume_20.html

Janetos, A. C., Malone, E. L., Mastrangelo, E., & Hardee, K. and **de Bremond, A. C.**, (2012). Linking climate change and development goals: Framing, integrating, measuring. *Climate and Development*, 4(2).

<http://dx.doi.org/10.1007/s11027-013-9475-x>

de Bremond, A. (2007). "The politics of peace and resettlement through El Salvador's land transfer programme: caught between the state and the market." *Third World Quarterly* 28(8): 1537-1556.

<https://doi.org/10.1080/01436590701637391>

de Bremond, A. (1993). The Hidden Costs of "Free" Trade: Environmental and Social Consequences of Economic Liberalization in the Enterprise for the Americas Initiative. *The Journal of Environment and Development* Vol. 2 (No. 1): 151-179.

Book Chapters & Reports

Obrecht, A., M. Pham-Truffert, E. Spehn, D. Payne, A. de Bremond, F. Altermatt, M. Fischer, C. Passarello, H. Moersberger, O. Schelske, J. Guntern, G. Prescott and J. Geschke (2021). Achieving the SDGs with Biodiversity Factsheet 16 (1). <https://doi.org/10.5281/zenodo.4457298>

Moss, Richard H., Elizabeth L. Malone, Nathan L. Engle, Ariane de Bremond, and Alison Delgado. 2012. Ready or Not: Towards a Resilience Framework for Making Climate-Change Adaptation Decisions. Washington, DC: Report prepared for The World Bank by the Joint Global Change Research Institute.

de Bremond, A., Engle, N. 2011. MCA4climate: A practical framework for planning pro-development policies, Adaptation Theme Report: Terrestrial Ecosystem Resilience. United Nations Environment Programme (UNEP), p. 29.

de Bremond, A., 2007. The Politics of Peace and Resettlement through El Salvador's Land Transfer Programme: caught between the state and the market. In *Market-Led Agrarian Reform: Critical Perspectives on Neoliberal Land Policies and the Rural Poor*, (S. B. Jr, C. Kay, and E. Lahiff, Eds.) London; New York: Routledge, 2009.

In Spanish

Hernández-Alarcón, R, and A de Bremond. 1998. La Tierra en los Acuerdos de Paz: El Catastro Nacional, Situación Agraria y Perspectivas Ambientales", Cuadernos de Investigación Interactiva-2. Ciudad de Guatemala: Infopress Centroamericana.

Maldonado, A, J Almonte, A Arancibia, and A de Bremond. 1998. Descentralización y Participación Ciudadana: El Sistema de Consejos de Desarrollo, Colección Debates. Ciudad de Guatemala: Consejo de Investigación para el Desarrollo de Centro América (CIDECA).

Enríquez, A, A de Bremond, M Rodríguez, and ME Moreno. 1995. Diagnóstico, Planes y Programas Microregionales-Departamento de Chalatenango. Chalatenango: Agencia de Desarrollo Local-Chalatenango/PRODERE/Coordinación para el Desarrollo Departamental de Chalatenango (CDDICH).

de Bremond, A. 1994. Estudio Activo del Proceso de Concertación Para La Recuperación Ambiental de la Zona La Montañona. San Salvador: United Nations Program for Displaced, Repatriated and Refugees (PRODERE).

Keynotes

"Governing Decoupling." Breakthrough Dialogue 2019: Whole Earth Discipline. 19-21 June 2019, Sausalito, CA USA.

"Is Modernization the Path to Saving Nature?" Ecomodernism 2018: Achieving Disagreement 30 September – 2 October 2018, Middleburg, VA USA.

"Integrating social science and earth observation for development transformations," 3rd joint EARSeL LCLUC & NASA LCLUC Workshop, 11-12 July, 2018 Chania, Greece.

"Global Land Programme, status, and updates for the LCLUC community
Unlocking the potential of land systems (and science!) to contribute to SD and the Agenda 2030." LCLUC Spring Science Team Meeting, 3 April, 2018 Rockville, Maryland USA,

"Democracy in the Anthropocene: Emergent ecomodernisms?" Breakthrough Dialogue East, 11 November, 2017 Airlie, VA USA.

"The Global Land Project Recent Developments – Ariane de Bremond (GLP)." LCLUC Spring Science Team Meeting, 12-14 April, 2017 Rockville, Maryland USA.

Select Invited Talks

de Bremond, A. "The emergence of land systems as the nexus for sustainability transformations: what do scientists have to do with it?" Department of Geographical Sciences, University of Maryland, 25 March, 2021.

de Bremond, A. "Towards SARI (South and Southeast Asia Regional Initiative) NASA Land Cover Land Use Change Program Synthesis" LCLUC October 2020 Science Team Meeting (virtual).

de Bremond, A. "Finding common pathways to sustainability" Belmont Forum, Workshop for African Early Career Researchers, 9 September, 2020 (virtual).

de Bremond, A. "Generating useable knowledge for sustainable governance of land and biodiversity: Potential contributions from land systems science." World Biodiversity Forum, 26 February, 2020, Davos, Switzerland.

de Bremond, A. "Governing Telecoupling" in 'Managing Agriculture's Global Footprint.' Ecomodernism 2019. 23-24 September, Warrenton, VA USA.

de Bremond, A., "Participatory mapping for sustainable and just land systems: Examples of co-design and co-production of knowledge from the Global Land Programme's scientific community." Living Territories 2018, CIRAD. 23 January, 2018 Montpellier, France.

de Bremond, A., "Understanding land systems dynamics of the Anthropocene: social science tools and approaches." Land Systems Science Summer School sponsored by WSL-ETH Zurich and the Global Land Programme, 30 August, 2017, Hertzberg, Switzerland.

de Bremond, A., "Bottom-up planning: working with stakeholders and communities [designing conservation governance regimes for half (!) the earth]" Integrated ecoregional planning meeting. Closed-door convening, Breakthrough Institute, 20 June, 2017, Sausalito, CA.

de Bremond, A., "Navigating competing claims on land: Integrating communities and stakeholders in land use decision-making" in 'Values in Science and Policy: Whose Nature?' Breakthrough Dialogue 2017, 21 June 2017, Sausalito, CA.

de Bremond, A., "Update from the Global Research Projects. Invited presentation as representative of 22 Future Earth Global Research Projects (GRPs)." Future Earth Science & Engagement Committees Meeting 18-22 March, 2017 Montreal, Canada.

de Bremond, A., "Telecoupling in land systems: Understanding local to global implications for land change and the governance land systems." South American Institute for Resilience and Sustainability Studies (SARAS) Workshop 2016 'Seeking sustainable pathways for land use in South America', 1-4 March, 2016 Bella Vista, Uruguay.

Service and Board Memberships

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|--------------|--|
| 2018-present | Member, Expert Advisory Committee, Group on Earth Observations (GEO) |
| 2009-present | Board Member, Community Agroecology Network (CAN) (Central America and Mexico) Santa Cruz, CA |
| 2009-2012 | Board Member, Baltimore Greenworks (BGW) Baltimore, MD |
| 2002-2004 | Advisory Group, Advocacy Committee for Agriculture and Rural Development in El Salvador (CIDAR), SHARE Foundation, Washington, D.C |
| 2000-2006 | Advisory Board, Center for the study of Environment and Society for Sustainable Development in El Salvador (CEASDES) San Salvador, El Salvador |