



GHEA

global human ecodynamics
alliance



GLOBAL HUMAN ECODYNAMICS ALLIANCE

Open Workshop 2013

November 4th-6th 2013 at the University of Maryland, College Park.

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You are cordially invited to the upcoming *Global Human Ecodynamics Alliance 2013 Sustainability Science and Education* meeting and workshop series held at University of Maryland, College Park from November 4th through November 6th 2013. It will be hosted by the University of Maryland Anthropology Department. This meeting is supported by the *US National Science Foundation Arctic Social Sciences Program*, the *Nordic Network for Interdisciplinary Environmental Studies (NIES)* and U Maryland.

This workshop will build upon prior GHEA activity to broaden the GHEA network and promote connections to the Maryland, DC, and Virginia academic and policy communities and link the wider international connections developed under the first three years of the Alliance. We hope to connect a growing network of regionally-focused long term human ecodynamics projects; spread some examples of best practice in community engagement, inter-regional case comparisons, and cross-disciplinary collaboration; feature some innovative uses of digital technology to link and communicate; and connect national heritage and sustainability education efforts with cutting edge long term ecodynamics and millennial scale sustainability research. We intend to investigate the possibilities of creating publications out of as many of these workshop sessions as possible. The workshop themes have been selected as examples of both current GHEA successes as well as foci that have emerged as areas of interest among GHEA members.

Why GHEA is Awesome and You Should Attend: GHEA (www.gheahome.org) was founded in 2010 following an NSF-funded workshop at Eagle Hill Maine in 2009 (for Eagle Hill community statement see <http://www.nabohome.org/meetings/glthec2009report.pdf>). GHEA seeks to provide an open access forum for connecting individuals and groups



interested in applying the long term perspective of archaeology, paleoecology, environmental history, and environmental humanities to current attempts to achieve a genuinely sustainable future. GHEA also works to connect cutting edge sustainability science with initiatives in education for sustainability, local ecological knowledge and place-based heritage, and in promoting efforts to go beyond public outreach to full engagement with citizen science for sustainability. GHEA is open to all and is a bottom-up membership driven cooperative without dues or top down central management. GHEA is very student-friendly and promotes connections and collaborations among younger and senior scholars, policy. We embrace ideals of open scholarship, web 2.0 empowerment, and wide exchange of sustainability ideas, resources, and expertise among scholarly disciplines, practitioners, policy makers, and the global public.

Since its launch in 2010 GHEA has sponsored sessions at professional meetings including the 2011-13 Society for American Archaeology, 2011-13 AAS, 2011 IASSA, 2012 IACA, 2012-13 AAA, and regional meetings. GHEA teams have also organized special meetings (like this one) including:

- 2012 GHEA Open Workshop CUNY Human Ecodynamics Research Center NYC <http://herc.gc.cuny.edu/>,
- 2012 Comparative Ecodynamics in the Aleutian and Kuril Islands conference http://www.gheahome.org/cgi-bin/ghea_project.pl?project_id=192012;
- 2012 Sustainability & Heritage Conference Orkney College U Highlands & Islands [http://www.uhi.ac.uk/en/research-enterprise/sustainability-conference,](http://www.uhi.ac.uk/en/research-enterprise/sustainability-conference)
- 2013 GHEA Research Coordination Network & NABO Open meeting Stefansson Arctic Inst. Akureyri Iceland <http://www.svs.is/english/> .

GHEA publication: Jago Cooper & Payson Sheets (eds). 2012. *Surviving Sudden Environmental Change: Lessons from Archaeology*. University of Colorado Press, Boulder. This publication is available as a low cost paperback or a free pdf download and has seen wide distribution.

GHEA is a component of the larger IHOPE (*Integrated History of People On Earth*, <http://www.ihopenet.org/>) initiative of the *International Human Dimensions Program on Global Environmental Change* (IHDP <http://www.ihdp.unu.edu/>). With NIES and the North Atlantic Biocultural Organization (NABO www.nabohome.org) GHEA participates in the *IHOPE Circumpolar Networks Initiative* (<http://ihopenet.org/circumpolarnetworks/>).



Open Workshop Logistics & Funding: A limited amount of travel support for students and unfunded scholars is available through the GHEA NSF Research Coordination Network in Science, Engineering & Education for Sustainability grant (RCN SEES 1140106). Please contact us well in advance if you are applying for travel support. Low cost housing options near the College Park campus are available. The daily conference fee is \$25.00 and will cover coffee service in morning and afternoon. All sessions will be concurrent with full participation, and all will be held at the U Maryland College Park Campus (for directions see : <http://www.cvs.umd.edu/visitors/2010%20Campus%20Map.pdf>).

Submissions: A conference website will be set up for on line registration, but *all participants are urged to email George Hambrecht with paper and presentation topics now. Please indicate which session your paper might appear. Note that poster sessions will be given prominence and that we encourage short presentations backed by posters to provide details.*

Preliminary Program GHEA Open Workshop 2013

Monday November 4th 2013

- Morning: Keynote talks followed by GHEA student presentations.
- Afternoon: Long Term Perspectives to Environmental Hazards and Social Response
- Poster and Discussion Session

Tuesday November 5th

- Morning: Keynote talks followed by Human Responses to Climate Fluctuation over different time scales.
- Afternoon: Beyond Outreach in Heritage and Education for Sustainability.
- Poster and Discussion Session

Wednesday November 6th

- Morning: The Anthropocene Perspective as Transdisciplinary Bridge: crossing boundaries and connecting communities.



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- Afternoon: Opportunities and difficulties behind effective interdisciplinary research, some reports from the front lines.
- Poster and Concluding Discussion Session