



GHEA

global human ecodynamics
alliance



www.gheahome.org

The **Global Human Ecodynamics Alliance** (GHEA) is a new association of social & natural scientists, historians, educators, students, policy makers, and community activists sharing common **objectives**:

- Promoting inter-regional comparisons of well documented cases of century to millennial scale dynamics of coupled human and natural systems. **Mobilizing the long term record** of both millennial scale sustainability and sudden collapse to better serve current efforts to secure a sustainable future.
- Promoting creation, collection, curation, communication, and visualization of diverse **data sets and models** that can allow more effective regional and inter-regional collaboration and integration of longue durée with present and future.
- Promoting international **Education for Sustainable Development** by integrating heritage, historical ecology, and place based long term landscape perspectives in sustainability education & engagement of local communities in local and national sustainability initiatives.

CURRENT GHEA WORKING GROUPS

- **Global Change Effects on the Archaeological and Paleoecological Record:** This working group is focused on global climate change, sea level rise, and threats to the global archeological record. Current collaborative rescue fieldwork ongoing in Barbuda, Iceland, Orkney, and Greenland. Organizers: Anne Jensen (Barrow), Reg Murphy (Antigua/Barbuda), Lilja Petursdottir (Arch. Inst. Iceland), Steve Dockrill & Julie Bond (Bradford), Georg Nyegaard (Nat.Mus.& Archives Greenland). Diverse funding.
- **Knowledge Sharing and Data Archiving Working Group:** organizers Anthony Newton (Edinburgh), Anna Evely (Aberdeen), Jago Cooper (Leicester), tDAR group (ASU). Funding support from NSF and U Edinburgh.
- **Resilience and Vulnerability to Climate Change:** organizers Margaret Nelson (ASU), Andy Dugmore (Edinburgh) and Tom McGovern (CUNY) Initial systematic inter-regional comparisons of the work of the *Long Term Vulnerability and Transformation Project* in the desert SW with *North Atlantic Biocultural Organization* in the N Atlantic islands, workshop series funded by NSF .
- **Sustainability Education and Community Engagement** organizers Unnsteinn Ingason (Iceland), Sophia Perdikaris (CUNY), Ingrid Mainland (Orkney College), Shari Gearheard (U Colorado), Funding US NSF, Icelandic Ministry for Education, Orkney College, CUNY.

Publications: Cooper, Jago & Payson Sheets, (eds). 2011. *Living with the Dangers of Sudden Environmental Change: Past Lessons for Identifying Hazards, Mitigating Impacts and Avoiding Disasters*. University of Colorado Press, Boulder. **Current Workshop Funding & Support:** US National Science Foundation *Science, Engineering, & Education for Sustainability (SEES) Program*, NSF *Arctic Social Sciences Program*, City University of New York *Human Ecodynamics Research Center (HERC)* are now supporting a five year program (2012-16) of workshops and meetings to advance the GHEA mission.

Join us! GHEA exists to facilitate greater communication, collaboration, and engagement in human-ecodynamic research, education and policy by operating as a “bottom-up”, community-driven entity. GHEA membership is free and open for participation to anyone who registers and agrees to follow the GHEA ethics rules- go to the GHEA website www.gheahome.org for membership information and to sign on as a new ally. Please tell friends, students, and colleagues and join in the alliance.