



2 PROPOSALS - **NOT** ACCEPTED ! - see here the [final Programme](#)

[PAPER 1: CHRISTAKIS](#) 1) **Coming to Our Senses: Dimensionality of Socio-Cultural Systems in Organizing Collective Wisdom**

[PAPER 2: BENKING](#) 2) **Finding Transcendent Ways to Unite People and Issues in the field of Human and Global Change**

1)

Coming to Our Senses: Dimensionality of Socio-Cultural Systems in Organizing Collective Wisdom

Christakis, Alexander N. (1); Benking, Heiner

(2); Flanagan, Tom (3)

Organization(s): 1: Institute for 21st Century Agoras; 2: Council on Global Issues; 3: Institute for 21st Century Agoras
Submitted by: Dr. Alexander N. Christakis (Institute for 21st Century Agoras, GR), ID: 1220

Themes: Social causes of environmental change

Keywords: dialog, deliberation, peacemaking, social systems design, system sciences, planning, clusters, drivers, mapping, Interactive Management, Information Management, Agora, Transformation, ...

Abstract

Planners who work to support the emergence and transformation of sociocultural systems need to work across multiple planes of activity, influence and interaction. These include abstract issues of differing value systems and concrete challenges of finite physical resources. When sorting through a complex array of issues and opportunities, the planning process benefits from explicitly establishing the dimensionality of the situation. Understanding this dimensionality guides planners to consider features of all of the dimensions of a situation in plans for future action.

The dimensionality of a complex situation is most reliably established through the use of abductive logic as pioneered by Charles Sanders Peirce. This principle has been extensively validated through the Archanesian geometry, which serves as the foundation of Interactive Management and Structured Dialogic Design (SM). The challenge in meaningful application of abductive logic in complex situations is that the task must be implemented through a collaborative convergence of a sufficiently diverse community of perspectives. No single "expert" can derive an abductive solution independently because no one can possibly have the requisite scope of understanding that is needed to produce an inclusive product.

Building upon the pioneering work of Constantinos Apostolos Doxiadis in the field of idealized design of human settlements, Alexander Nicholas Christakis has collaborated closely with Hasan Ozbekhan, John Warfield and other thought leaders in the field of systems science. Dr. Christakis' work spans integrated work in eliciting tacit knowledge and fuzzy understandings from highly diversified planning groups, leading those groups into discovery of meaning, in to the construction of dimensional understandings and systems view, and supporting the emergence of strongly held commitments for collaborative action.

Berlin Conference on the Human Dimensions of Global Environmental Change
Berlin 8-9 October 2010
Social dimensions of environmental change and governance

Overview Submissions User: Christakis

Contribution Details

Conference Track / Type of Submission: Proposal	273
Coming to Our Senses: Dimensionality of Socio-Cultural Systems in Organizing Collective Wisdom	

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<http://www.berlinconference.org/2010/>
<https://www.conftool.net/bc2010/sessions.php>

2)



<http://weturn.org/BERLIN-Conference2010-HumanDimensions-of-GEC.pdf>

Finding Transcendent Ways to Unite People and Issues in the field of Human and Global Change

Benking, Heiner (1); MacBryde, David (2); King, Lynn (3)

Organization(s): 1: Tagore-Einstein Council, Berlin, Shantiniketan; 2: Yale University, Berlin; 3: SageVision, Shanghai

Submitted by: Heiner Benking (Tagore-Einstein Council, DE), ID: 1316

Themes: Theories and concepts

Keywords: Education, cognition, creativity, frames, schemas, models, maps, visualization, overview, orientation, oversimplifications, overclaims, world-views, systems, complexity, dialog, deliberation, embodiment, participation, deliberation, games, situation rooms

Abstract

Our community of environmental research and management is as fragmented as the whole scientific community and humanity. Why? Are there ways for meaningful exchange across languages, subjects and scales? We need transcendent ways to unite people -- through expression of diverse viewpoints, seeing the bigger picture, and negotiating common ground, understanding overlaps, connections, and differences. Review of issues, reports and "out of the box thinking" including paradigm mapping showing the historical context of communication and cognitive challenges, is essential. Using innovative maps, models, approaches, and concepts, we will create a shared 'chain of methods' (Methodenkette) that can be negotiated upon.

- 1) "Switching Systems" between languages, terminologies and taxonomies (Ingetraut Dahlberg);
 - 2) Multidisciplinary foundations of multidimensional issues (Stephen Jay Kline);
 - 3) System Earth models of combined spaces (Cognitive Panorama / Eco-Cube from the Global Change exhibition);
 - 4) A spectrum of meaning (Herbert Stachowiak), concept and context terminology, mappings & meta-data harmonization;
 - 5) "Commons" presented a nested, multi-modal, polio-centric, actor based and across scales sectors (Elinor Ostrom);
 - 6) Facilitation and visualization workshops as above (Kurt Hanks);
 - 7) Integration of sign-systems in embodied immersive schemas (models), and
 - 8) a look at other cultures and other representational forms -- e.g. Chinese written characters are supersigns, as they integrate elements into shared frames or superstructures (see ICSU-CODATA workshops on the future of multi-media).
- There is an obvious need to change our modes and paradigms in concrete, sharable ways. Past fallacies in communication involved a lack of shared frames of references, even though there was a mandate since Rio '92 to become aware of such commons. If the web of life is to survive on earth, a blended best practices of all aspects society and environment, must emerge.
- This workshop offers practical exercises to tackle the above collective dilemmas at hand and reviews work done around establishing collective normative, participatory and prognostic futures.

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