Conference Introduction
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University of Seville SWAN Team Principal Investigator

9-11 JUNE 2014

INTERNATIONAL CONFERENCE ON DATA, INFORMATION AND KNOWLEDGE FOR WATER GOVERNANCE IN THE NETWORKED SOCIETY

UNIVERSITY OF SEVILLE, SPAIN

Organized in the context of SWAN Project funded by the European Community's Seventh Framework Programme FP7/2007-2013, under grant agreement n° 294947 FP7–INCO-2011–7
PRESENTATION OUTLINE

A) BACKGROUND AND MAIN CONTROVERSIES AS POINT OF REFERENCE FOR THIS CONFERENCE

B) COLLABORATIVE KNOWLEDGE AND THE NETWORKED SOCIETY

C) STRUCTURE AND SENSE OF THE CONFERENCE
A) WORKSHOP ON NEW PARADIGMS

Workshop on *New paradigms for water resources and risk management: Data and information requirements for sustainable water management*, organized by the University of Seville SWAN team, in January 2013.

Preliminary conclusions were discussed and enriched with contributions from workshop participants. They lead to a paper published in the *Spanish Geographer Association Bulletin* (Pita et al., 2014).

http://www.boletinage.com/
A) SWAN DELIVERABLE ON KEY DATA

The Deliverable 3.1. Key data and Information Requirements in the Context of Current Debates on Water Management written by the USE in close collaboration with the UA and BAS-NIGG SWAN teams. It draws upon the outcomes of the January Workshop and identifies five key themes.

1. Current paradigms in the management of water resources
2. Economic considerations in evolving water management debates
3. Modeling hydro-social systems
4. Transparency and public participation
5. New information technologies

Available at: https://www.researchgate.net/
https://swanproject.arizona.edu/
A) KEY THEMES: 1. Current paradigms

- IWRM is the current, well-established, conventional wisdom.

- Our core analytical and controversial idea about the historical and contextual meaning of this model is that:

  The emergence and consolidation of IWRM can be understood as the expression of the historical shift from the post-war Keynesian regulation model to the current neo-liberal globalization system.
This idea implies three main controversies about:

a) Hegemonic economic thought in which IWRM prescriptions are articulated:
   - commodification process,
   - monetary reductionism
   - privatization trend.

b) Potential contradictions /interconnection between water participatory governance, with wider global socio-economic processes that challenge current democratic institutions.

c) Preeminence of the river basin as the natural and unquestionable scale.
A) KEY THEMES: 2. Economic considerations

- Paradigm of IWRM

  cost recovery and polluter-pays principle.

- Valuing the degradation of complex socio-natural systems is not a simple task.

- Very difficult to ‘technically’:
  a) translate it into replacement costs
  b) define the price to pay.
A) KEY THEMES: 2. Economic considerations

- Knowledge limitations insurmountable, inherent to the complexity of socio-natural systems.

- Need to manage water resources in an uncertain and partially understood context.
A) KEY THEMES: 3. Modeling hydro-social systems

- Hydro-social models
  combination of natural and social parameters

- Models can only hope to represent specific geographic and hydro-social realities.
A) KEY THEMES: 3. Modeling hydro-social systems

- Spatial aspects of knowledge
- Local knowledge into global models in order to address global changes.

We are here

1915

2015

EL GUADALQUIVIR
SU EVOLUCIÓN A LO LARGO DE LA HISTORIA
Emphasis on public participation founding its conceptual grounding in theories as deliberative democracy.

Swimming Upstream
Collaborative Approaches to Watershed Management
edited by Paul A. Sabatier, Will Focht, Mark Lubell, Zev Techter, Arnold Veit, and Marty Mullock

Paul Sabatier et al., 2005, MIT
A) KEY THEMES: 4. Transparency & participation

- However:
  
  a) **Limits** of the participatory governance perspective and true impact on final decisions.

  b) **Lack of understanding** about the informal mechanisms.

  c) **Could science/policy research** generate more penetrating knowledge?

- Debates of **post-politics and post-democracy** in the context of the neoliberal globalization processes.
A) KEY THEMES: 5. New information technologies

- Rapidly developing ICTs are indeed influencing discussions on water policy

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<tr>
<th>Topic</th>
<th>Description</th>
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<tr>
<td>Polycentric Generation</td>
<td>• Increasing possibilities provided for information generation</td>
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<tr>
<td>Earth Observation Technologies</td>
<td>• Development of <em>earth observation technologies</em></td>
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<td>Sharing &amp; Disseminating</td>
<td>• Different avenues for data and information</td>
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<td>Policies &amp; Legislation</td>
<td>• That enhance the <em>harmonization and reutilization</em></td>
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<tr>
<td>Transparency</td>
<td>• Growing social demands and <em>increasingly critical social actors.</em></td>
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A) KEY THEMES: 5. New information technologies

The pending issue is to ensure the conditions in which:

Information disseminated and shared in an open, free and easy way.

Knowledge truly useful for participatory planning and management.
According to Innerarity (2014), two most basic properties of knowledge:

1. Almost nothing is absolutely original
2. Almost nothing lacks absolutely of originality

- Knowing is something new and a recombination of elements
- Human creations do not come out of nowhere.
- Creativity a modest variation of some thing.

http://www.daniel-innerarity.net/
B) COLLABORATIVE KNOWLEDGE AND THE INTERNET

2. In the end, knowledge is public and shared.

- In this context, we have to learn to cope with a certain epistemological anarchy.

- Innovation requires lightly or non-regulated spaces.

- A creative culture has to be as little controlled as possible
B) COLLABORATIVE KNOWLEDGE AND THE INTERNET

Internet, is open, in principle, to any use (and abuse), as it’s the case distributed intelligence

Internet is based on ‘user-generated content’, (‘prosumers’).

Internet greatly enhances the collaborative power generation, public and open.

Effects conditioned or contextualized by wider socio-political processes
The collaborative generation of information has, surely, implications concerning changes in the identity of the agents that control information:

1. How are new practices helping to meet the demands of transparency, open data and new information needs?

2. How could be ensured the consistency, continuity and free access of information?

3. How particular information and knowledge is generated, reproduced and becomes predominant or hegemonic?

4. To what degree can we expect higher levels of citizen engagement?

5. Will social actors take advantage of the new political participation potential or are new control mechanisms being constructed to avoid it?
C) STRUCTURE OF THE CONFERENCE

Open/ Collaborative Knowledge: New techno-political-cultural emergent realities

Critical and Prospective Social Theory
- Erik Swyngedouw
- Joan Subirats

Implications for Water Policy Arena
- Claudia Pahl-Wostl
- F. Molle
- Dave Huitema
- B. Barraque

IMPROVING KNOWLEDGE FOR SOCIO-ECOSYSTEMS GOVERNANCE

Epistemological Reflections
- M. Giampietro
- H. Gupta
- A. Serra-Capdevila

Administrative Approach
- Arturo Fdez. Palacios
- J.M. Hurtado
- Javier Ruza
- Brain Fusch

Citizen Approach
- J. Dickinson
- Satoko Kishimoto
- F. Ontañón

#waterP2P14
Thanks for your attention!!
Thank you for your attendance and participation

Organizing Committee:
Violeta CABELLO, Juan Mariano CAMARILLO, Leandro DEL MORAL, Nuria HERNÁNDEZ- MORA, Natalia LIMONES, Belén PEDREGAL, María Fernanda PITA, David SAMPEDRO, Sergio SEGURA, María VILLARÍN
CONFERENCE & SOCIAL MEDIA

] Key words & Hashtags

Help us to disseminate conference debates by twitting these **key words and hashtags**, and by mentioning our twitter account **@waterP2P** and / or personal accounts of speakers:

@subirats9 – Joan Subirats
@ErikSwyngedouw – Erik Swyngedouw
@satokokishimoto – Satoko Kishimoto
@fontanon – Felix Ontañon
@LeandrDelMoral - Leandro del Moral

] Streaming: [http://tv.us.es/]
COLLABORATIVE KNOWLEDGE IN PRACTICE: SHARE-REMARKS

https://titanpad.com/WaterP2P-share-remarks

Session 1: Power, communication and the policy process #waterP2P14

Session 2: Key debates on #WaterManagement models #waterP2P14

Session 3: Polycentric information for #WaterGovernance: generation, quality control and sustainability #waterP2P14

chat
THERE IS ONE WIRELESS NETWORK

WEBSITE: Reinus-eventos

Just a password needed: Eecpqldl01
# STRUCTURE OF THE CONFERENCE

**INTERNATIONAL CONFERENCE ON DATA, INFORMATION AND KNOWLEDGE FOR WATER GOVERNANCE IN THE NETWORKED SOCIETY**

University of Seville, June 9-11, 2014

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<th>MONDAY, JUNE 9</th>
<th>TUESDAY, JUNE 10</th>
<th>WEDNESDAY, JUNE 11</th>
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<tbody>
<tr>
<td>9:00</td>
<td>Arrival &amp; accreditation</td>
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| 9:30 | Welcome & Introduction  
*Francesca Pita,* University of Seville  
*Franck Poupeau,* SWAN Project Leader, CNRS  
*Leandro del Moral,* Head of the SWAN University of Seville team | 9:30 |  
Session 3: Satoshi Kishimoto, Transnational Institute, Amsterdam |
| 10:15 | Session 1: Joan Subirats  
Universitat Autònoma de Barcelona | 10:00 | Questions and debate |
| 11:00 | Coffee Break | 10:45 | Coffee Break |
| 11:30 | Session 1: Eric Swyngedouw  
Manchester University | 11:15 |  
Session 3: Arturo Fernández Palacios & Jose María Hurtado, IEC, Regional Government of Andalusia |
| 12:15 | Questions and debate | 11:45 |  
Session 3: Javier Ruiz, Water Directorate, Ministry of Agriculture, Food and the Environment of Spain |
| 13:00 | LUNCH BREAK | 12:15 | Questions and debate |
| 14:30 | Session 2: Claudia Pahl-Wostl  
University of Osnabrück | 14:30 |  
Session 4: Mario Giampietro, Universitat Autònoma de Barcelona |
| 15:00 | Session 2: François Molle  
IRD (France) and IWD (Cairo) | 15:00 |  
Session 4: Félix Ontañón, Open Kratio, Seville |
| 15:30 | Questions And Debate | | |
| 16:15 | Coffee Break | | |
| 16:45 | Session 2: Dave Huitema  
VU University-Amsterdam | 16:45 |  
Session 4: Brian Allan Fuchs  
Drought Mitigation Center, Lincoln, Nebraska |
| 17:15 | Session 2: Bernard Barraqué  
CIRE-CNRS, France | 17:15 |  
Session 4: Hashin Gupta & Alex Serrat-Capdevilla, University of Arizona |
| 17:45 | Questions and debate | 17:45 | Questions and debate |
| 18:30 | ADJOURNEMENT | 18:30 | Closing remarks |

*Water landscapes in Andalusia. Nature, economy and society. The experience of Veta La Palma (Doñana Natural Park)*

8:30-16:00

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