

# Conference Introduction

Leandro DEL MORAL ITUARTE

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

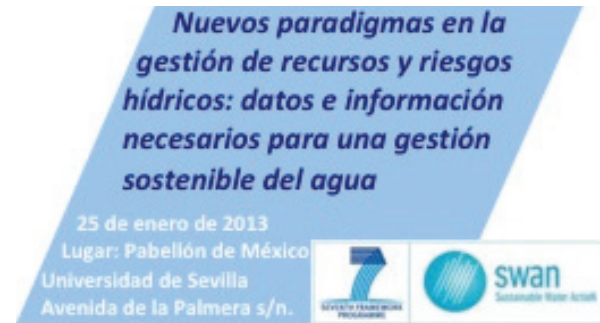


Organized in the context of SWAN Project funded by the European Community's Seventh Framework Programme FP7/2007-2013, under grant agreement n° 294947 FP7-INCO-2011-7

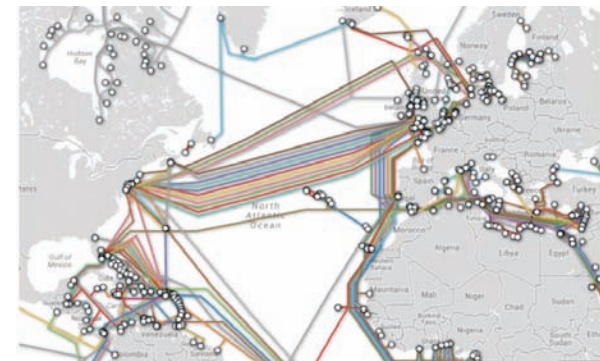
# PRESENTATION OUTLINE

#waterP2P14

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

swan Sustainable Water Action  
SEVILLA FORUM MUNDI PRELIMINAR

INTERNATIONAL CONFERENCE ON DATA, INFORMATION AND KNOWLEDGE FOR WATER GOVERNANCE IN THE NETWORKED SOCIETY  
University of Seville, June 9-11, 2014

MONDAY, JUNE 09		TUESDAY, JUNE 10		WEDNESDAY, JUNE 11
9:00	Arrival & accreditation	9:00	Session 2: Janice Dickinson, Cornell University, Ithaca, New York	Water Initiatives in Andalusia: Nature, economy and society. The experience of Vega de Palma (Doñana National Park)
9:30	Welcome & Introduction Mª Fernanda Peña, University of Seville François Pouspon, SWAN Project Leader, CNRS	9:30	Session 3: Sabina Jeschke, Transnational Institute, Amsterdam	
10:15	Session 1: Ivan Subirats, Universitat Autònoma de Barcelona	10:00	Questions and debate	
11:00	Coffee	10:45	Coffee Break	
11:45	Session 1: Eric Tsuyngshuihow, Manchester University	11:35	Session 3: Arturo Fernández Palacios & Jose Maria Huertas, IICA, Regional Government of Andalusia	
12:15	Questions and debate	11:45	Session 5: Javier Acuña, Water Directorate, Ministry of Agriculture, Food and the Environment of Spain	
13:00	Session 2: Claudia Pahl-Wald, University of Osnabrück	12:35	Questions and debate	
13:00	Session 2: Ramon Mulla, IHD (France) and INRA (Spain)	13:00	Session 4: Mario Giampetro, Universidad Autónoma de Barcelona	
13:30	Questions and debate	13:00	Session 6: Felix Ouedrao, Open Water, Seville	
14:15	Session 2: Dave Huitema, VU University-Amsterdam	14:30	Session 4: Brian Allan Fuchs, Drought Mitigation Center, Lincoln, Nebraska	
17:15	Session 2: Bernard Barraud, CIRAD-CNRS	17:15	Session 4: Hector Gupte & Alex Serrah Capdevilla, University of Arizona	
17:45	Questions and debate	17:45	Questions and debate	
18:30	ADJOURNMENT	18:30	Closing remarks	
		18:45	ADJOURNMENT	

## A) WORKSHOP ON NEW PARADIGMS

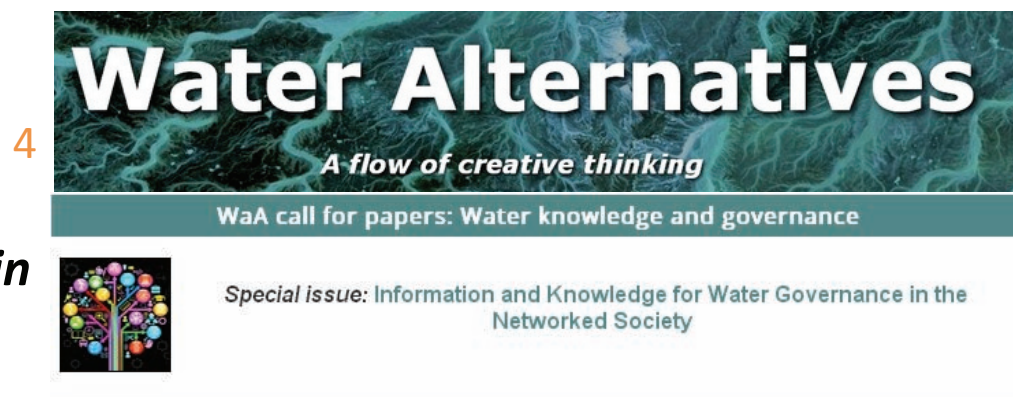
1 Workshop on *New paradigms for water resources and risk management: Data and information requirements for sustainable water management*, organized by the University of Seville SWAN team, in January 2013.



2 Preliminary conclusions were discussed and enriched with contributions from workshop participants.

3 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

5

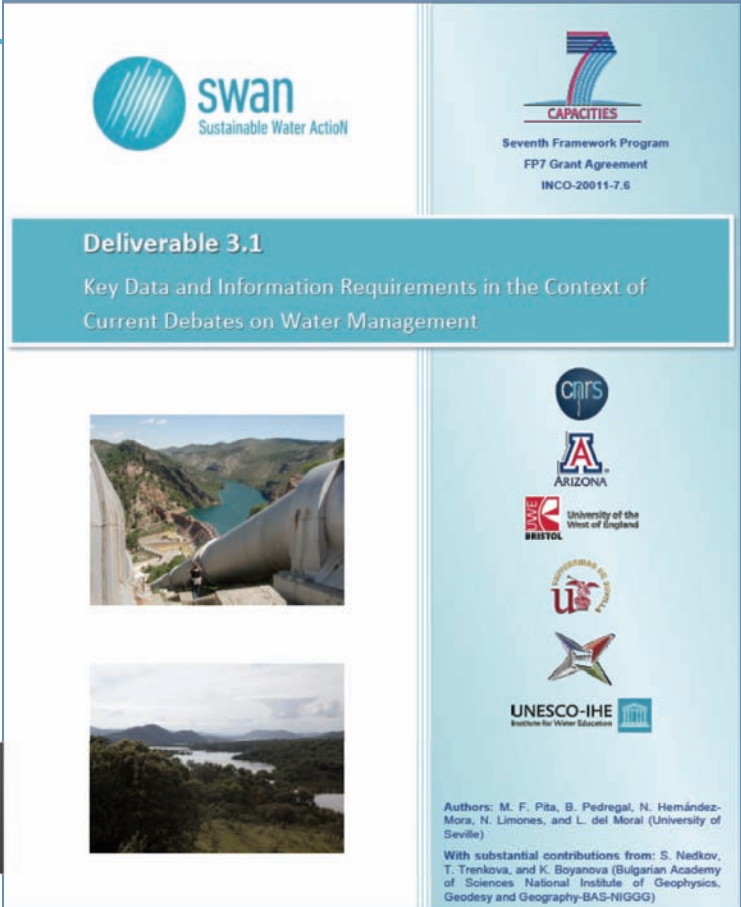
The Deliverable 3.1. Key data and Information Requirements in the Context of Current Debates on Water Management written by the USE in close collaboration with the UA and BAS-NIGG SWAN teams. It draws upon the outcomes of the January Workshop and identifies **five key themes**.

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/>

ResearchGate



The image shows the cover of the report 'Deliverable 3.1: Key Data and Information Requirements in the Context of Current Debates on Water Management'. The cover is divided into four quadrants. Top-left: SWAN Sustainable Water Action logo. Top-right: CAPACITIES logo, Seventh Framework Program FP7 Grant Agreement INCO-20011-7.6. Middle: Title 'Deliverable 3.1' and subtitle 'Key Data and Information Requirements in the Context of Current Debates on Water Management'. Bottom-left: Two landscape photos of water bodies. Bottom-right: Logos of partner institutions: CNRS, ARIZONA, University of the West of England BRISTOL, U.S., and UNESCO-IHE Institute for Water Education. At the bottom, authors are listed: M. F. Pita, B. Pedregal, N. Hernández-Mora, N. Limones, and L. del Moral (University of Sevilla). It also mentions substantial contributions from S. Nedkov, T. Trenkova, and K. Boyanova (Bulgarian Academy of Sciences National Institute of Geophysics, Geodesy and Geography-BAS-NIGGG).

## 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**.

## A) KEY THEMES: 1. Current paradigms

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.

- Paradigm of IWRM



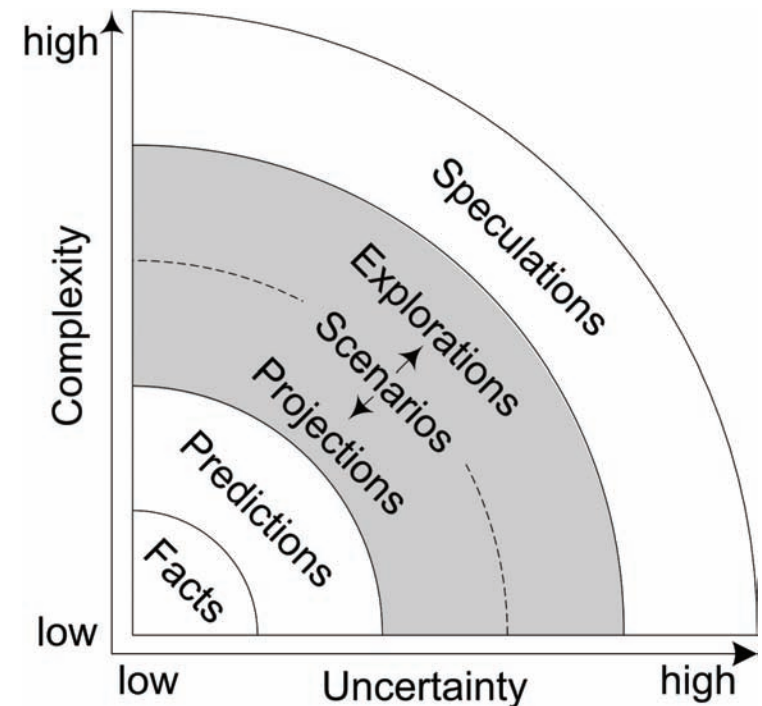
**cost recovery** and **polluter-pays principle**.

- 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

#Background

- 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

#Background

- Hydro-social models



combination of natural and social parameters

- Models can only hope to represent specific geographic and hydro-social realities.

Guadalquivir river marshes



Veta La Palma

Colorado Delta



# A) KEY THEMES: 3. Modeling hydro-social systems

#Background

- Spatial aspects of knowledge



different scales

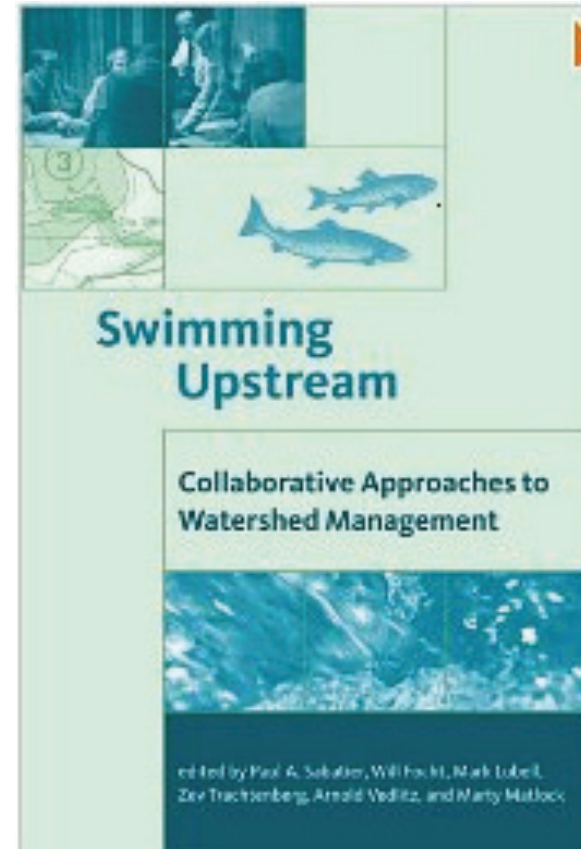
- Local knowledge into global models in order to address global changes.



## A) KEY THEMES: 4. Transparency & participation

#Background

- Emphasis on public participation founding its conceptual grounding in theories as **deliberative democracy**.



Paul Sabatier et al. , 2005, MIT

## A) KEY THEMES: 4. Transparency & participation

#Background

- 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

#Background

- Rapidly developing **ICTs** are indeed influencing discussions on water policy

Polycentric Generation

- Increasing possibilities provided for information generation

Earth Observation Technologies

- Development of **earth observation technologies**

Sharing & Disseminating

- Different avenues for data and information

Policies & Legislation

- That enhance the **harmonization and reutilization**

Transparency

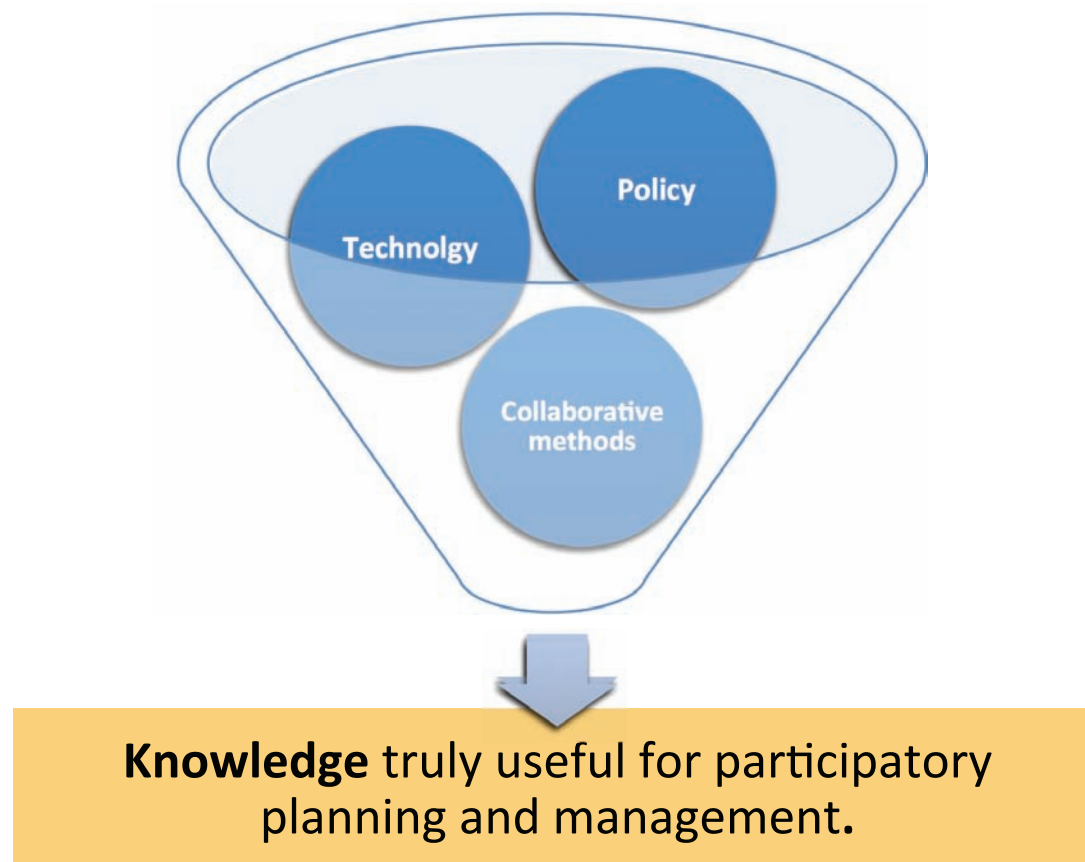
- Growing social demands and **increasingly critical social actors.**

## A) KEY THEMES: 5. New information technologies

#Background

The **pending issue** is to **ensure the conditions** in which:

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



## B) COLLABORATIVE KNOWLEDGE AND THE INTERNET

According to Innerarity (2014), two most basic properties of knowledge:

1

Almost nothing is absolutely original

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

3

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**

## B) COLLABORATIVE KNOWLEDGE AND THE INTERNET

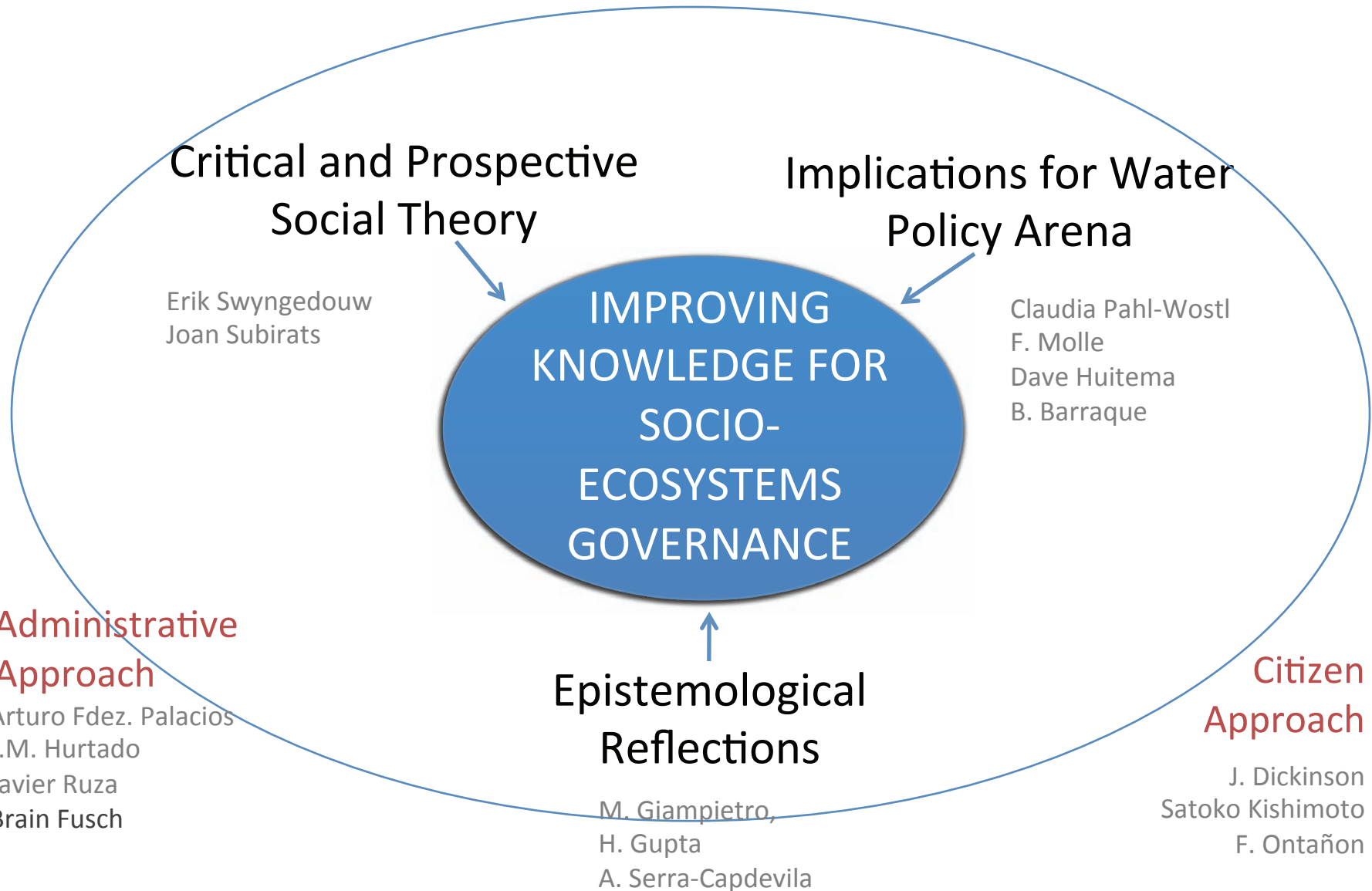
The collaborative generation of information has, surely, implications concerning changes in the **identity of the agents that control information:**

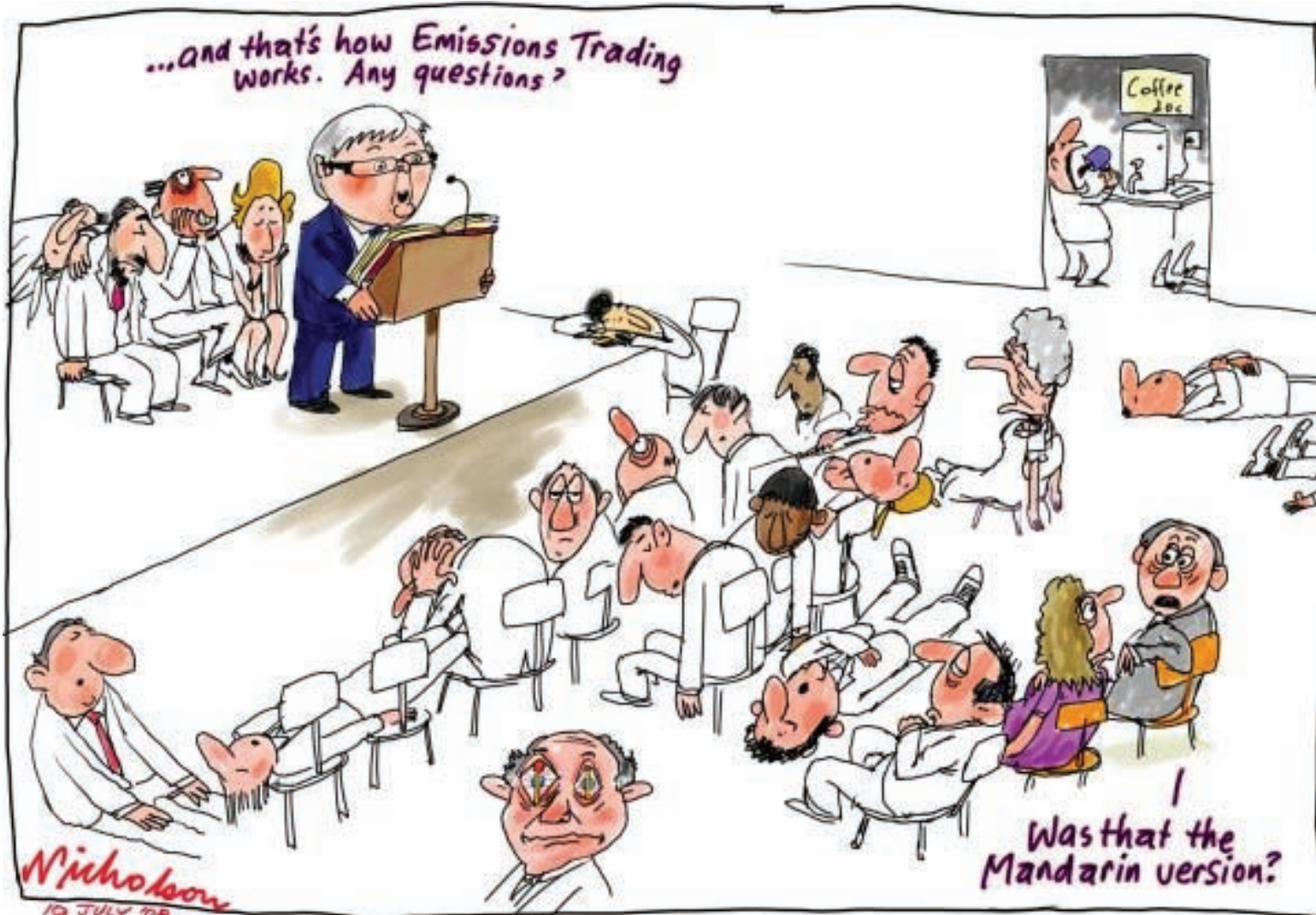
1. How are new practices helping to meet the demands of transparency, open data and new information needs ?
2. How could be ensured the consistency, continuity and free access of information?
3. How particular information and knowledge is generated, reproduced and becomes predominant or hegemonic?
4. 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

#waterP2P14

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





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

Hashtag **#waterP2P14**



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



] **Data & Technology**  
] **Social & Policy**

] **Streaming: <http://tv.us.es/>**



**tvus**  
Televisión Online  
de la Universidad de Sevilla

Actos En Directo + INFO



# COLLABORATIVE KNOWLEDGE IN PRACTICE: SHARE-REMARKS

[https://titanpad.com/WaterP2P-share-marks](https://titanpad.com/WaterP2P-share-remarks)

The screenshot shows the Titanpad interface for a public pad. The main content area on the left contains the following text:

1 **#WaterP2P14 International Conference on Data, Information and Knowledge for Water Governance in the Networked Society @unisevilla 9-10Jun14**

2

3 This pad is to collect comments, notes and remarks from the Conference. It is open to all conference participants

4

5

6

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

8

9

10

11

12

13

14 **Session 2: Key debates on #WaterManagement models #waterP2P14**

15

16

17

18

19

20

21

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

23

24

The right sidebar contains a name input field with the placeholder text "< enter your name >" circled in red. Below it is a link to "Invite other users and they will show up here." and a "Share this pad" button. At the bottom of the sidebar, the date "June 7, 2014" is displayed, and the word "chat" is written in a large font, also circled in red.

# THERE IS ONE WIRELESS NETWORK

---

➤ **WEBSITE: Reinus-  
eventos**

➤ **Just a password needed:  
*Eecpqldl01***



# STRUCTURE OF THE CONFERENCE

#waterP2P14

INTERNATIONAL CONFERENCE ON DATA, INFORMATION AND KNOWLEDGE FOR WATER GOVERNANCE IN THE NETWORKED SOCIETY  
University of Seville, June 9-11, 2014

	MONDAY, JUNE 9		TUESDAY, JUNE 10	WEDNESDAY, JUNE 11
9:00	Arrival & accreditation	9:00	<i>Session 3: Janice Dickinson,</i> Cornell University, Ithaca, New York	<p>Water landscapes in Andalusia. Nature, economy and society. The experience of Veta La Palma (Doñana Natural Park)</p> <p>8:30-16:00</p>
9:30	Welcome & Introduction <i>M<sup>a</sup> Fernanda Pita</i> , University of Seville <i>Franck Poupeau</i> , SWAN Project Leader, CNRS <i>Leandro del Moral</i> , Head of the SWAN University of Seville team	9:30	<i>Session 3: Satoko Kishimoto,</i> Transnational Institute, Amsterdam	
10:15	<i>Session 1: Joan Subirats</i> Universitat Autònoma de Barcelona	10:00	Questions and debate	
11:00	Coffee Break	10:45	Coffee Break	
11:30	<i>Session 1: Eric Swyngedouw</i> Manchester University	11:15	<i>Session 3: Arturo Fernández Palacios &amp; Jose María Hurtado,</i> IECA, Regional Government of Andalusia	
12:15	Questions and debate	11:45	<i>Session 3: Javier Ruza,</i> Water Directorate, Ministry of Agriculture, Food and the Environment of Spain	
		12:15	Questions and debate	
13:00	LUNCH BREAK			
14:30	<i>Session 2: Claudia Pahl-Wostl</i> University of Osnabrück	14:30	<i>Session 4: Mario Giampietro,</i> Universitat Autònoma de Barcelona	
15:00	<i>Session 2: François Molle</i> IRD (France) and IWMI (Cairo)	15:00	<i>Session 4: Félix Ontañón,</i> Open Kratio, Sevilla	
15:30	Questions And Debate			
16:15	Coffee Break			
16:45	<i>Session 2: Dave Huitema</i> VU University-Amsterdam	16:45	<i>Session 4: Brian Allan Fuchs</i> Drought Mitigation Center, Lincoln, Nebraska	
17:15	<i>Session 2: Bernard Barraqué</i> CIRED-CNRS, France	17:15	<i>Session 4: Hoshin Gupta &amp; Aleix Serrat- Capdevilla,</i> University of Arizona	
17:45	Questions and debate	17:45	Questions and debate	
		18:30	Closing remarks	
18:30	ADJOURNEMENT	18:45	ADJOURNEMENT	