



# Water tensions in Europe and in the Mediterranean: water crises by 2050?

Paris, October 8-9, 2015

*First announcement/Call for papers*

The conference addresses issues related to future tensions on water management and possible associated ruptures, linked to climate change and future water uses by 2050. These issues are tackled by studies in the fields of hydrology, climate, social sciences, at various scales in Europe and the Mediterranean.

The following topics are addressed:

1. Past and present "crises" and water tensions
2. Future water regimes by 2050
3. Methods for prospective studies

Gathering these topics in a single event aims to initiate a multidisciplinary exchange between hydrological, climatic analyses, social and economic approaches and studies on the dynamics of water crises. Social sciences analyses of past and present water crises are expected to improve the management of future water crises...

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## Organizing Committee

Pierre-Louis VIOLLET (SHF) et Jean VERDIER (AFEID), co-animateurs du comité

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Brigitte BITON (SHF)

Sami BOUARFA (IRSTEA, UMR GEAU)

Emmanuelle DELFORGE (ENPC)

Sara FERNANDEZ (IRSTEA, UMR GESTE)

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Ahmed KHALADI (Cie Nationale du Rhône)

Michel LANG (IRSTEA, UR HHLY)

Marc-Antoine MARTIN (Académie de l'Eau)

Jean-Luc REDAUD (Académie Eau)

Claude VIENOT (UISF)

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## Partners:



This event is held within the framework of the preliminary events of the 21th United Nations Climate Change Conference to be hosted by France in December 2015 (COP 21-Paris Climate 2015).

**Conference languages** are English and French. All slides will be in English.

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### Scientific Committee (provisonal list)

Pierre-Louis VIOLLET (SHF) et Jean VERDIER (AFEID), co-animateurs du comité  
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Consuelo VARELA ORTEGA (Univ. Politécn. Madrid)  
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### Topics:

#### 1) Past and present "crises" and water tensions

Historical perspectives improve our understanding of present hydro-social cycles. A critical analysis of past and present water tensions is a powerful tool to identify significant trends, irreversibility as well as contingencies of the past that explain the advent of a given water management model. How, by whom and when were events qualified as "crises"? How were these "crises" governed or evaluated? How may these analyses help in managing the future?

#### 2) Future water regimes by 2050

Results of hydrologic, climatic and economic modeling will be presented for both surface and ground water, at the scale of large catchment areas. They are expected to highlight the possible impacts of climatic and economic scenarios on the availability and quality of water resources, as well as possible tensions or crises concerning future water use.

#### 3) Questions for prospective studies

Within prospective studies, how are the scales of analysis being defined; how are water circulation and territories being related? How do we estimate uncertainties, take into account social and political issues? How to tackle water crises and their consequences? What kind of ruptures are to be considered? What can be expected from "new" technologies?

You are invited to submit abstracts no later than **January 10<sup>th</sup>, 2015**.

Abstracts should be submitted **using the template available on the website**.

Proposals for posters are welcome.

They must be sent to SHF by email, to the following address: [b.biton@shf-hydro.org](mailto:b.biton@shf-hydro.org) or submitted online [www.shf-hydro.org/177-1-manifestations-16.html](http://www.shf-hydro.org/177-1-manifestations-16.html)

#### Deadlines:

- **Abstract submission: January 10<sup>th</sup>, 2015**
- Abstract selection: February 2015
- Full paper submission: April 10<sup>th</sup>, 2015
- Review and selection: May 15<sup>th</sup>, 2015
- Final paper submission: June 15<sup>th</sup>, 2015
- Final acceptance: July 15<sup>th</sup>, 2015

Proceedings of the conference will be available on site.

After the conference, a selection of papers will be proposed for publication in La Houille Blanche, International Journal of Water

**Language of the Conference:** English and French (no translation will be available)