

**Water JPI Pilot Call and WaterWorks2014 projects, as well as H2020/FP7 projects, present their activities**

**Water JPI Pilot Call projects:**

**FRAME** A novel Framework to Assess and manage contaminants of Emerging concern in indirect potable reuse  
**MOTREM** Integrated processes for MOonitoring and Treatment of Emerging contaminants for water reuse  
**METAWATER** New METAgonomics and molecular based tools for European scale identification and control of emergent microbial contaminants in irrigation WATER  
**PROMOTE** PROtecting water resources from MObile TracE chemicals  
**PERSIST** Persistence and fate of emerging contaminants and multi-resistant bacteria in a continuum of surface water groundwater from the laboratory scale to the regional scale  
**StARE** Stopping antibiotic Resistance Evolution  
**TRACE** Tracking and assessing the Risk from Antibiotic Resistant genes using Chip technology in surface water ecosystems

**WaterWorks2014 projects:**

**ACWAPUR** (Accelerated Water Purification during Artificial recharge of Aquifers – A Tool to Restore Drinking Water Resources)  
**Biorg4WasteWaterVal+** (Bioorganic novel approaches for food processing waste water treatment and valorisation: Lupanine case study)  
**DESERT** (Low-cost water DEsalination and SEnsoR Technology compact module)  
**DOMINO** (Dikes and Debris Flows Monitoring by Novel Optical Fiber Sensors)  
**IMDROFLOOD** (Improving Drought and Flood Early Warning, Forecasting and Mitigation using real-time hydroclimatic indicators)  
**INXCES** (INnovations for eXtreme Climatic EventS)  
**IRIDA** (Innovative remote and ground sensors, data and tools into a decision support system for agriculture water management)  
**MEPROWARE** (Novel Methodology for the Promotion of Treated Wastewater Reuse for Mediterranean Crops Improvement)  
**MUFFIN** (Multi-Scale Urban Flood Forecasting: From Local Tailored Systems to a Pan-European Service)  
**Pioneer\_STP** (The Potential of Innovative Technologies to Improve Sustainability of Sewage Treatment Plants)  
**PROGNOS** (Predicting In-Lake Responses to Change Using Near Real Time Models)  
**SIM** (Smart Irrigation from Soil Moisture Forecast Using Satellite and Hydro-Meteorological Modelling)  
**STEEP STREAMS** (Solid Transport Evaluation and Efficiency in Prevention: Sustainable Techniques of Rational Engineering and Advanced MethodS)  
**TH.E.R.BIO.R** (Thermal Energy Recovery from a Novel Sequencing Batch Biofilter Granular Reactor)  
**Watintech** (Smart decentralized water management through a dynamic integration of technologies)  
**WE-NEED** (WatEr NEEDs, availability, quality and sustainability)



**The European Commission supports this initiative**



**ISPRA**

Istituto Superiore per la Protezione e la Ricerca Ambientale

**National Organizer contact details / ISPRA  
Elena Giusta**

ph: +39 06 50074172 - elena.giusta@isprambiente.it

**Giuseppina Monacelli**

ph: +39 06 50074471 - giuseppina.monacelli@isprambiente.it

**Alessandra Casali**

ph +39 06 50074098 - alessandra.casali@isprambiente.it

**Annelise Sambati**

ph+39 06 50072234 - annelise.sambati@isprambiente.it

**Organizing secretary ISPRA**

**Paola Giambanco**

ph: +39 06 50072160 - paola.giambanco@isprambiente.it

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**ISPRA**



Water Challenges for a Changing World  
Joint Programming Initiative

**WATER JPI CONFERENCE**

**19<sup>th</sup> May 2016**  
**Congress Centre Roma Eventi**  
**Fontana di Trevi**

Piazza della Pilotta, 4  
Roma (Italy)

POSTER SESSION

PROGRAMME

The Water Joint Programming Initiative (Water JPI) hosts its 2016 Conference in Rome on the 19th May 2016. This international event is targeted to a wide range of stakeholders and aimed to present the new version of the Water JPI Strategic Research and Innovation Agenda (SRIA).

Discussions are focused on how to implement this SRIA and the benefits from international cooperation in the water sector.

The WATER JPI SRIA version 2.0 lays out research, innovation and development needs in the water sector grouped by thematic areas and priorities selected after a stakeholders' consultation for their scientific and societal importance and structured around these five core themes:

***Improving Ecosystem Sustainability and Human Well-being;***

***Developing Safe Water Systems for the Citizens;***

***Promoting Competitiveness in the Water Industry;***

***Implementing a Water-Wise Bio-Based Economy;***

***Closing the Water Cycle Gap Improving Sustainable Water Resources Management.***

Following keynotes from the European Commission, and the Food and Agriculture Organization of the United Nations, round-table discussions cover the identified water research priorities in the SRIA, its implementation, and the benefits of international cooperation to jointly tackle the grand challenge of achieving sustainable water systems in the world.

**9:00-9:30 - Participant Registration**

**9:30-10:00**

**Welcome addresses**

**Bernardo De Bernardinis** ISPRA President

**Marco Mancini** Head of Research Department in the Ministry for Education, University and Research

**Carlo Maria Medaglia** Head of the Technical Secretariat of the Minister for Environment, Territory and Sea

*Day chair: Padraic Larkin* Vice-Chair of Water JPI

**10:00-11:20**

**Position of the Water JPI in a global world**

**Panos Balabanis** European Commission, DG R&I - Deputy Director of the Ecoinnovation Unit

**Guido Schmidt** European Commission, DG ENV - Coordinator of the European Innovation Partnership on Water

**Overview of the Water JPI progress**

**Enrique Playan** former Water JPI coordinator  
Research Professor CSIC

**Future vision of the Water JPI**

**Maurice Héral** President of Water JPI - ANR Head of Department Environment, Ecosystems, Biological Resources

**Water in UN initiatives**

**Dr. Olcay Ünver** FAO Deputy - Director of Land and Water Division

**11:20-11:45 - Coffee break**

**11:45-12:00**

**Strategic Research and Innovation Agenda**

**The Water JPI Strategic Research and Innovation Agenda**

**Patrick Flammarion** IRSTEA Director of Water Department

**12:00-13:15**

**Roundtable "Which priorities for such SRIA?"**

*Moderator: Miguel Angel Gilarranz Redondo*  
MINECO - Water JPI

**Durk Krol** (WssTP Director), **Seppo Rekolainen** (Water JPI STB), **Heather McKhann** (JPI FACCE), **Antonio Lo Porto** (EURAQUA Chair), **Roberto Zocchi** (EUREAU), **Károly Kovács** (EWA's President)

**13:15-14:15 - Lunch**

**Implementation of the SRIA**

**14:15-14:30**

**The first implementation actions**

**Rosa R. Bernabé** MINECO - Water JPI GB

**14:30-15:45**

**Roundtable "How to jointly implement such agenda?"**

*Moderator: Laura Raaska* AKA - Water JPI

**Margit Noll** (JPI Urban Europe), **Panos Balabanis** (European Commission), **Helmut Löwe** (BMBF, Germany), **Stephanie Rinck-Pfeiffer** (GWRC), **Donald Pierson** (PROGNOS project coordinator, Sweden), **Dionisio Perès Blanco** (Eni Enrico Mattei Foundation)

**15:45-16:15 - Poster Session**

**International Cooperation**

**16:15-16:30**

**JPI and International Cooperation**

**Dominique Darmendrail** ANR - Water JPI Coordinator

**16:30-17:45**

**Roundtable "Why international research cooperation is necessary for solving Water Challenges? How to cooperate?"**

*Moderator: Mats Svensson* SWAM - Water JPI GB

**Francisco Antonio Rodríguez Barbosa** (CONFAP, Brazil), **Anne-Marie Thompson** (NSERC, Canada), **Ali Rhouma** (IRESA, Tunisia), **Bjørn Kaare Jensen** (China-Europe Water Platform), **Gaetano Casale** (Unesco), **Leonidas Antoniou** (GPC Chair)

**17:45-18:00**

**Wrap-up of the conference**

**Maurice Héral** President of Water JPI - ANR Head of Department Environment, Ecosystems, Biological Resources

**18:00 - End of the Water JPI Conference**