

# Workshop announcement

ISESS  2015

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## Evolution of environmental information models

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Due to the increasing prevalence of standardized data models and services in the environmental domain, exchanging data across thematic, institutional and national boundaries has never been easier. However, over time, thematic extensions are required; as these thematic extensions grow and develop, they rapidly introduce new concepts not aligned with similar concepts stemming from a different thematic area. This is where a new level of diversification is rapidly encroaching, with new Towers of Babel being erected upon standardized foundations. New tools and processes, as well as governance structures, will be required if we are to avoid this next pitfall.

The goal of this workshop is to gather a well-founded problem description as well to sketch possible ways forward. Participants are encouraged to explain the difficulties encountered in maintaining alignment of data models and services over time, as well as approaches used to encourage alignment. The types of tools, processes and governance models required will be discussed.

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## Workshop topics

Environmental data and service modelling

Extension of standardized data models

Collaborative data modelling

Semantic alignment approaches

Processes and governance structures for collaborative data modelling

## Links

[www.isess2015.org](http://www.isess2015.org)

[www.ifipwg511.org](http://www.ifipwg511.org)

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[www.enviromatics.org](http://www.enviromatics.org)