



**WORKING GROUP F**  
**THEMATIC WORKSHOP: FLASH FLOODS and PLUVIAL FLOODING**  
**Cagliari, Italy: 26-28th May 2010**

*PRELIMINARY DRAFT PROGRAM*

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**26<sup>th</sup> may 2010**

*Registration*

- Opening and keynotes
- Welcome
- Official opening of the conference
- Introducing the workshop

*Lunch*

- Plenary session: Setting the scene

*Coffee break*

- **THEME 1: EVENT CHARACTERIZATION, ANALYSIS AND APPROACHES TO RISK MAPPING**
  - Introduction to theme/ presentations
  - Parallel groups discussion
  - Harvesting and discussion

*End of day 1*

**27th may 2010**

- **THEME 2: HEAVY INTENSE RAINFALL MONITORING SYSTEMS, FORECAST SCENARIOS**
  - Introduction to theme/ presentations
  - parallel groups discussion
  - Harvesting and discussion

*Lunch*

- **THEME 3: PROTECTION MEASURES, PRIORITIZATION AND SELECTION**
  - Introduction to theme/ presentations
  - parallel groups discussion
  - Harvesting and discussion

*End of day 2*

**28th may 2010**

- **THEME 4: SOCIO-ECONOMICAL ASPECTS**
  - Introduction to theme/ presentations
  - parallel groups discussion
  - Harvesting and discussion
- Presentations by rapporteurs
- Discussion
- Conclusions

*End of workshop*

## THEMES FOR DISCUSSION

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### THEME 1: EVENT CHARACTERIZATION, ANALYSIS AND APPROACHES TO RISK MAPPING

This session will focus on the characterization of events, analysis of phenomena supported by national and international case studies and risk assessment and mapping. It will include a presentation on possible definitions.

Sub-issues:

- Types of flash floods and pluvial flooding occurring all over Europe
- Recent scientific advances for defining flood modelling and consequences
- Best practices for the analysis, risk assessment and mapping of these phenomena at river basin scale
- Further developments in research activities.

### THEME 2: HEAVY INTENSE RAINFALL MONITORING SYSTEMS, FORECAST SCENARIOS

The session will focus on the actual and required systems to monitor and forecast the phenomena.

Sub-issues:

- Control variables and efficiency of monitoring systems in detecting these phenomena
- Recent scientific advances for defining flood forecast scenarios
- Further developments in research activities.

### THEME 3: PROTECTION MEASURES, PRIORITIZATION AND SELECTION

The session will deal with the different categories of measures (structural, non structural) and on the decision process to select and prioritize them.

It will focus in particular on selecting those measure that can be efficient and effective in the context of flash floods and pluvial flooding, especially when dealing with densely populated areas. Emphasis will be given to methods and procedures to select measures.

Sub-issues:

- Early warning systems
- Local planning legislative constraints: prioritization and selection
- Structural measures
- Best practices (preparedness)
- Domestic and Community strategic approaches to address by legislation flash floods and pluvial flooding, reasonably unforeseen (delocalization, binding insurance provisions, etc.).

### THEME 4: SOCIO-ECONOMICAL ASPECTS

This session will examine the interaction between physical phenomena and society: how risk is perceived and communicated; resilience of human settlements and social and economic aspects to such events.

Sub-issues:

- Risk perception
- Communicating risk and creating awareness: training/education of public and stakeholders
- Resilience to events
- Opposition and resistance to measures
- Further developments in research activities.