



Workshop “Risk-Based Hydrologic Engineering Standards”

24–25 April 2017, ICWRGC Bahnhofstraße 40, Koblenz, Germany

Conveners: UNESCO Centres
ICIWaRM, ICHARM, ICWRGC
WMO

09:00 – 09:15 Welcome (ICIWaRM, WMO, ICHARM, ICWRGC)

Speakers and moderators: UNESCO Centers and WMO

09:15 – 09:45 Introduction of the participants

Speakers and moderators: all

**09:45 – 10:15 Introduction theme of workshop + rules of the game,
questions to be addressed
What do we aim for: monography, for whom and what purpose**

What are your experiences and perspectives dealing with climate uncertainty, the most important issues related to updating engineering standards and applying a risk-based approach?

Provide at least one example of current practices in your country/experience that requires a new risk-based standards approach.

Speakers and moderators: Eugene Stakhiv, Richard Vogel

10:15 – 10:30 Coffee break

10:30 – 13:00 Presentation from the workshop participants

participants [10-15 min each] (Short presentations + discussions)

10–15 min each

Main points will be summarized in 2 minutes at the end of the session

Speakers and moderators: tbd

13:00 – 14:30 Lunch break

14:30 – 16:00 Continue presentations

Speakers and moderators: Participants

16:00 – 16:15 Coffee break

**16:15 – 17:45 Discussions – what are the key topics and issues that require further
examination and development (what are the gaps in our knowledge)**

Speakers and moderators: all

at 7 pm Dinner

09:00 – 10:00 Recap of day 1 and review of deliverables, identification of priorities

Which gaps have been identified?
Which innovative techniques have been presented to address these gaps?
Which gaps remain?

Speakers and moderators: tbd

10:00 – 10:15 Coffee break

10:15 – 13:00 Develop outline for topics and chapters in the monograph

Speakers and moderators: tbd

13:00 – 14:30 Lunch break

**14:30 – 17:00 Forecasting issues
WMO/Cullman presentation on WMO initiative
Wolfgang Grabs?**

Speakers and moderators: Johannes Cullmann, Wolfgang Grabs

17:00 Closure

Speakers and moderators: ICWRGC