

Symposium on Regional Floods: Regional effects of changes in the river system

13-14 October 2015
Vienna, Austria

Motivation:

The purpose of this symposium is to bring together experts from hydrology, fluvial geomorphology, hydraulic engineering and environmental history to discuss the effects of changes in the river system on the regional flood regime, both in historical and modern times. River morphology changes due to sediment deposition and erosion, river straightening and hydraulic structures have traditionally been investigated and modelled locally but, depending on the spatial structure of the system, they may have a larger scale impact. The symposium will focus on detecting, quantifying and upscaling the effects of such changes in the river system on the flood regime at a regional scale. The symposium is organised in the frame of the ERC Advanced Grant on FloodChange (floodchange.hydro.tuwien.ac.at) and will consist of invited talks, oral lectures, poster sessions and discussion sessions.

Topics:

- Effects of regional river morphology changes on the flood regime
- Effects of changes in spatial interdependencies (precipitation, routing) on the flood regime
- Upscaling the effects of river works (reservoirs, levees, river straightening) on the flood regime
- Detection, attribution of flood changes to river system changes and renaturalisation of flood flows

Abstracts:

300-500 words, title, author name, affiliation, and contact. Please send to salinas@hydro.tuwien.ac.at before 1 August 2015.

Registration:

Before 1 August 2015 via email to salinas@hydro.tuwien.ac.at

The conference fee of €300 includes meals and is non-refundable. Attendance is limited in number and will be assigned on a first come first served basis.

Programme:

12 October 2015

18:30 Icebreaker dinner

13 October 2015

9:00 Welcome and opening

9:30 Oral presentations

10:50 Coffee/Posters

11:30 Oral presentations

12:50 Lunch

14:00 Group discussions

15:40 Coffee/Posters

16:20 Discussion plenary

18:00 End of plenary

19:30 Dinner

14 October 2015

9:00 Oral presentations

10:20 Coffee/Posters

11:30 Oral presentations

12:50 Lunch

14:00 Group discussions

15:40 Coffee/Posters

16:20 Discussion plenary

17:40 Synthesis of symposium

18:00 End of symposium

Venue:

Seminarhotel Springer Schloßl

Tivoligasse 73

A-1120 Vienna, Austria

www.springer-schloessl.at

Accommodation:

Please make your own arrangements, e.g. through www.wien.info/en/hotels

Contact:

José Luis Salinas:

salinas@hydro.tuwien.ac.at