



Modelling the Flood Peril

Paris, Monday May 30th, Tuesday May 31st

Université Pierre et Marie Curie, Tour Centrale, Room 24-00 (24th floor)

4, Place Jussieu, 75005 Paris (M° Jussieu)

<http://www.lmm.jussieu.fr/~jossieran/FloodPeril.html>

Program:

Monday May 30th:

14:00-14:15 Welcome

14:15-14:50 Geoffroy Kirstetter (IJLRA) « Flash flood simulation using the adaptive and open source code : Basilisk »

14:50-15:25 Martin Parisot (INRIA) « On the coupling of Shallow Water models »

15:25-16:00 Olivier Delestre (Nice) « Modelling of rainfall overland flow on agricultural fields »

16:00-16:30 Coffee Break

16:30-17:05 Florent Lobligeois (AXA) « Flood modelling for insurance business - Purposes and practices in AXA »

17:05-17:40 Vazken Andréassian (IRSTEA, Antony) « A look back over five years of operational flood forecasting with the GRP model »

17:40-18:15 Jeff Neal (U. Bristol) « A global high-resolution flood hazard model. »

18:15-18:30 Ulrike Decoene (AXA Research Fund) Closing Remarks

18:30-19:00 Break

19:00-21:30 Cocktail

Tuesday May 31st

9:00-9:35 Frédéric Darboux (INRA Nancy) « Connectivity of water and sediments »

9:35-10:10 Florence Habets (METIS, Paris) « Forecasting the inundation risk induced by groundwater: the AquifR project »

10:10-10:45 Olivier Devauchelle (IPGP, Paris) « Groundwater dynamics during a storm »

10:45-11:00 Coffee Break

11:00-11:35 H el ene Roux (IMFT, Toulouse) « Modelling extreme events: from hillslopes to stream »

11:35-12:10 Carole Delenne (Montpellier University, HSM & INRIA Team LEMON) « Numerical models for coastal floods »

12:10-12:45 Luciano Raso (Delft) « Flood protection and flood generation via reservoir operation in the Seine and the Senegal river »

12:45-14:00 Lunch Break

14:00-14:35 Morgan Abily (Nice) « High resolution flood simulations in urban environment: Global sensitivity analysis for ranking of uncertain parameters »

14:35-15:10 Nicole Goutal (EDF, Chatou) « Flood modelling on a real test case–Uncertainty quantification »

15:10-15:45 Pierre-André Garambois (ICUBE, Strasbourg) « Data assimilation in 1D-2D hydraulic models : cases of the Garonne River and a urban flood experiment »

15:45-16:20 Bruno Wilhelm (LTHE, Grenoble) « Climate change and flood hazard: a millennium long perspective »

16:20-16:30 Closing Remarks