

## **3rd circular**

**Fluvial Archives Group**  
with  
**Polish Association for Environmental Archaeology**  
&  
**Department of Geomorphology, Geoarchaeology**  
**and Environmental Management,**  
**Institute of Geography,**  
**The Jan Kochanowski University in Kielce**

invite to



**Organizing committee**  
Prof. UJK dr hab. Tomasz Kalicki  
(Chairman)  
mgr Marcin Frączek  
(Secretary)  
mgr Paweł Przepióra

**Scientific committee**  
Prof. UJK dr hab. Tomasz Kalicki  
Prof. Joseph Desloges  
Prof. Jef Vandenberghe  
Prof. Stephane Cordier  
Prof. David Bridgland

## **Conference venue and accommodation**

**Hotel Świętokrzyski**  
ul. Słowackiego 1,  
26-130 Suchedniów k. Kielc  
www.hotelswietokrzyski.pl  
Tel./fax. /48/ 41 25 45 341  
E-mail: [hotel@dendron.pl](mailto:hotel@dendron.pl)

**Price for all rooms: €30/day per person**  
cover night and meals (breakfast, lunch, dinner)  
**Payment at registration desk (check in) in hotel**

*Participants not accommodated in the Hotel Świętokrzyski can cover cost of meals (lunch, dinner etc.) at reception desk.*

**Late fee payment (€ 300) at registration desk**  
**Registration fee** will cover abstract book, field excursion, ice-break party, conference dinner, coffee breaks.

**Official language**  
English

**Presentation**  
**Oral presentations** (15 min + 5 min discussion)  
**Posters (size A0-A1)** (5 min explanation)

## **CONTACTS**

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**Website:** [www.flag2016suchedniow.pev.pl](http://www.flag2016suchedniow.pev.pl)

*Please watch at the NEWS section on the conference website from time to time.*

Chairman of Organizing Committee  
**Prof. UJK dr hab. Tomasz Kalicki**

# FINAL PROGRAM

Monday, September 12, 2016 - First day

**09:00-13:00** conference registration

**13:00-13:45** OPEN CEREMONY

**13:45-15:00** Lunch

**15:00-16:40** ORAL SESSION I: General problems

15:00-15:20 **Anna Marie Megens, Joseph Desloges** - *The development of sand-bedded rivers in glaciated southern Ontario*

15:20-15:40 **Anne Mather, Martin Stokes, Elizabeth Whitfield** - *Alluvial fans: their value as quaternary fluvial archives*

15:40-16:00 **Zhenbo Hu, Baotian Pan, Lianyong Guo** - *Origin of the Yellow River*

16:00-16:20 **Martin Stokes, Alberto Gomez** - *Fluvial archives as records of volcanic island denudation*

16:20-16:40 **Rebecca M. Briant, Kim Cohen, Stephane Cordier, Alain Demoulin, Mark Macklin, Anne Mather, Gilles Rixhon, Tom Veldkamp, John Wainwright, Alex Whittaker, Hella Wittmann** - *Issues in generating effective field-model comparison in landscape evolution modelling*

**16:40-16:45** POSTER SESSION I: General problems

16:40-16:45 **Angel Soria-Jáuregui, Enrique Serrano, María José González-Amuchástegui** - *Fluvial archives from the Tobalina valley (upper Ebro basin)*

**16:45-17:10** coffee break

**17:10-18:10** ORAL SESSION II: Methodological approaches to unravel fluvial system evolution (including dating and modelling)

17:10-17:30 **Manfred Frechen, Jingran Zhang, Michael Baales, Andreas Lenz** - *OSL dating of Emscher deposits*

17:30-17:50 **Jef Vandenberghe** - *Grain-size characterisation of alluvial and lacustrine sediments in a loessic setting*

17:50-18:10 **Slawomir Chwalek** - *Using hydroacoustic system in research of the riverbeds*

**18:10-18:25** POSTER SESSION II: Methodological approaches to unravel fluvial system evolution (including dating and modelling)

18:10-18:15 **Francisco Jimenez-Cantizano, Loreto Anton, Candela Pastor-Martín** - *Study of morphological anomalies of Tajo watershed (Spain) from the analysis of both the digital elevation data and the streams longitudinal profile*

18:15-18:20 **Slawomir Chwalek** - *Geophysical underwater research on the Vistula River in Cracow*

18:20-18:25 **Gilles Rixhon, Stéphane Cordier, Simon Matthias May, Nina Szemkus, Rebecca Keulertz, Tibor Dunai, Steven Binnie, Ulrich Hambach, Helmut Brückner** - *Potentials and pitfalls of depth profile ( $^{10}\text{Be}$ ), burial isochron ( $^{26}\text{Al}/^{10}\text{Be}$ ) and palaeomagnetic techniques for dating early pleistocene terrace deposits of the Moselle valley (Germany)*

**19:00 FLAG BUSINESS MEETING**

**20:00 ICE-BREAK PARTY**

## **Tuesday, September 13, 2016 - Second day**

**07:30 breakfast**

**08:00-09:20 ORAL SESSION III: Long term evolution of fluvial systems: fluvial system response to forcing (climate, tectonics, anthropogenic)**

08:00-08:20 **Cornelis Kasse, Ronald van Balen, Sjoerd Bohncke, Jacob Wallinga, Mariëtte Vreugdenhil** - *Climate and base-level controlled fluvial system change and incision during the last glacial – interglacial transition, Roer river, The Netherlands - western Germany*

08:20-08:40 **Janusz Olszak, Józef Kukulak, Helena Alexanderson, Edit Thomó-Bozsó** - *Fluvial archives within tectonically active regions during the quaternary, Dunajec basin, Podhale, southern Poland*

08:40-09:00 **Pedro P. Cunha, António A. Martins, Jan-Pieter Buylaert, Andrew S. Murray, Luis Raposo, Paolo Mozzi, Martin Stokes** - *New data on the chronology of the Vale do Forno sedimentary sequence (Lower Tejo River terrace staircase) and its relevance as fluvial archive of the Middle Pleistocene in western Iberia*

09:00-09:20 **Tuncer Demir, Rob Westaway, David Bridgland** - *Late Cenozoic Euphrates Terraces developed as a result of regional and local tectonics, climate and volcanism: Turkey, Syria and Iraq*

**09:20-09:40 POSTER SESSION III: Long term evolution of fluvial systems: fluvial system response to forcing (climate, tectonics, anthropogenic)**

09:20-09:25 **Dariusz Krzyszkowski, Dariusz Wiczorek, Lucyna Wachecka-Kitkowska, Piotr Kittel** - *Mazovian fluvial and lacustrine sediments of the Czyżów Complex based on study of the Belchatów outcrop, central Poland*

09:25-09:30 **Gilles Rixhon, Melanie Bartz, Mathieu Duval, Meriam El Ouahabi, Nina Szemkus, Helmut Brückner** - *Contrasted terrace systems of the lower Moulouya valley as indicator of crustal deformation in NE Morocco*

09:30-09:35 **Upali de Silva Jayawardena** - *Formation of ox-bow lakes over Quaternary sediments in Sri Lanka (an small Island)*

**09:35-10:00 coffee break**

**10:00-11:20 ORAL SESSION IV: Long term evolution of fluvial systems: fluvial system response to forcing (climate, tectonics, anthropogenic)**

- 10:00-10:20 **Xianyan Wang, Shuangwen Yi, Junfei Ma, Jef Vandenberghe, Huayu Lu** - *Interlinks of fluvial and Aeolian processes in a semi-arid environment recorded by sediment sequence of Yellow river terrace during last glacial period*
- 10:20-10:40 **Stéphane Cordier, Kathryn Adamson, Magali Delmas, Marc Calvet, Dominique Harmand** - *A review of the influence of glacial dynamics on rivers in glacially-fed fluvial systems*
- 10:40-11:00 **António A. Martins, João Cabral, Pedro P. Cunha, Martin Stokes, José Borges, Bento Caldeira, A. Cardoso Martins** - *Tectonic controls on fluvial landscape development in central-eastern Portugal: insights from long profile tributary stream analyses*
- 11:00-11:20 **Jutta Winsemann, Jörg Lang, Julia Roskosch, Ulrich Polom, Utz Böhner, Christian Brandes, Christoph Glotzbach, Manfred Frechen** - *Terrace styles and timing of fluvial terrace formation in the Weser and Leine valleys, northern Germany: response of the river system to climate change and glaciation*

**11:20-11:50 POSTER SESSION IV: Long term evolution of fluvial systems: fluvial system response to forcing (climate, tectonics, anthropogenic)**

- 11:20-11:25 **Daniël S. Rits, Ronald T. van Balen, Maarten A. Prins, Hongbo Zheng** - *Evolution of the alluvial fans of the Luo river in the Weihe basin, Central China, controlled by faulting and climate change - a reevaluation of the paleogeographical setting of Dali Man site*
- 11:25-11:30 **Jutta Winsemann, Janine Meinsen, Julia Roskosch, Jörg Lang, Christian Brandes, Manfred Frechen** - *Climate control on the evolution of late pleistocene alluvial fan systems in northwest Germany*
- 11:30-11:35 **Nurcan Avsin, Jef Vandenberghe, Ronald van Balen** - *Tectonic and climatic controls on Quaternary fluvial processes and terrace formation at the Goksu River, Southern Anatolia*

**11:35-12:00 coffee break**

**12:00–14:00 ORAL SESSION V: Long term evolution of fluvial systems: fluvial system response to forcing (climate, tectonics, anthropogenic)**

- 12:00-12:20 **Loreto Antón, Alfonso Muñoz-Martín, Gerardo de Vicente, Noa Finnegan** - *Quantifying fluvial-capture-induced denudation and surface lowering in Iberia (Duero, Ebro and Tajo basins)*
- 12:20-12:40 **Rob Westaway** - *The international 'debate' on feedbacks between climate and landscape evolution: implications for FLAG*
- 12:40-13:00 **Piotr Kusztal, Tomasz Kalicki, Marcin Frączek, Mariusz Nowak** - *Sediments and morphology of the Czarna Konecka river valley downstream of Stąporków*
- 13:00-13:20 **Edyta Klusakiewicz, Tomasz Kalicki, Marcin Frączek, Pawel Przepióra** - *The Late Glacial and Holocene evolution of upper Kamienna River valley*
- 13:20-13:40 **Martin Gibling** - *Timeline for human influence on river landscapes: A review*
- 13:40-14:00 **Piotr Kalicki, Tomasz Kalicki, Piotr Kittel** - *River valleys evolution and men: a case study from Lomas de Lachay, Peru*

**14:00-15:10 Lunch break**

**15:10-17:10 ORAL SESSION VI: Holocene to historical evolution of fluvial systems**

- 15:10-15:30 **Joseph Desloges, Roger Phillips, James Thayer, Andrew Stewart** - *Holocene floodplain chronologies in glacially-conditioned, low-relief environments of southern Ontario, Canada*
- 15:30-15:50 **Kazimierz Klimek, Beata Woskowicz-Ślęzak** - *Reflection of geology, climate and human impact in a small valley floor topography and alluvia structure: Silesia Upland, Southern Poland*
- 15:50-16:10 **Bartłomiej Wyżga, Joanna Zawiejska, Artur Radecki-Pawlik** - *Incision of Polish Carpathian rivers during the twentieth century and its impact on the hydraulics of flood flows*
- 16:10-16:30 **Tadeusz Ciupa, Roman Suligowski, Grzegorz Walek** - *City as an area of intensive fluvial processes on example of Kielce (Poland)*
- 16:30-16:50 **Paweł Przepióra** - *Natural and historical changes of the Kamionka catchment (Suchedniów Plateau) in subatlantic*
- 16:50-17:10 **Andrea Mandarino, Michael Maerker, Marco Firpo** - *"It has always been there"... or not? The Scrivia river planimetric changes during the last 150 years (NW Italy)*

**17:10-17:30 POSTER SESSION VI: Holocene to historical evolution of fluvial systems**

- 17:10-17:15 **Hanna Hajdukiewicz, Bartłomiej Wyżga** - *Degradation of the physical structure of Polish Carpathian rivers during the twentieth century*
- 17:15-17:20 **Piotr Kusztal, Tomasz Kalicki, Mariusz Nowak** - *Human activities in the Czarna Konecka river valley downstream of Stąporków*
- 17:20-17:25 **Joanna Zawiejska, Bartłomiej Wyżga, Hanna Hajdukiewicz** - *Multi-thread rivers in the Polish Carpathians: Occurrence, decline and possibilities for restoration*
- 17:25-17:30 **Emanuela Małęga** - *Relief and geological structure of Nida river valley near Wiślica (Polish Uplands)*

**17:30-17:50 coffee break**

**17:50-18:50 ORAL SESSION VII: Alluvial geoarchaeology, palaeohydrology and paleopedology**

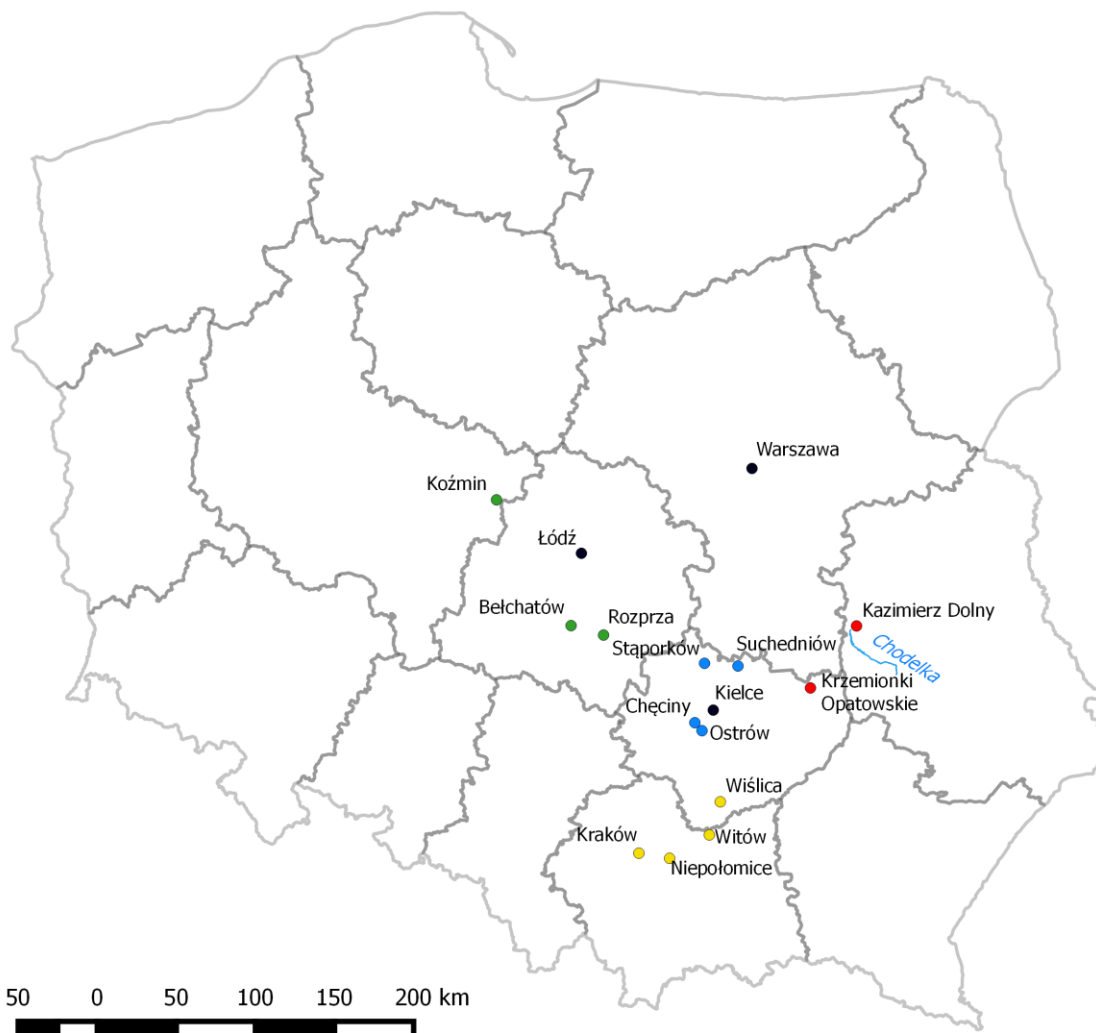
- 17:50-18:10 **Jakub Niebieszczanski, Iwona Hildebrandt-Radke** - *Geoarchaeological records of human activity reflected in fluvial and colluvial sediments in the Anthemous valley (Greece)*
- 18:10-18:30 **David R. Bridgland, Mark J. White** - *Making sense of the Lower and Middle Palaeolithic: fluvial archives to the rescue*
- 18:30-18:50 **Marcin Frączek, Tomasz Kalicki, Adam Wawrusiewicz** - *Environmental context of Subneolithic settlement in the Upper Biebrza Basin (NE Poland)*

**18:50-19:10 POSTER SESSION VII: Alluvial geoarchaeology, palaeohydrology and paleopedology**

- 18:50-18:55 **Iwona Hildebrandt-Radke, Justyna Kolenda** – *Spatial-temporal analysis of the location and operation of medieval fortified settlements in the Barycz-Głogów ice-marginal valley (Milicz Basin)*
- 18:55-19:00 **Knut Kaiser, Nora Keller, Arthur Brande, Stefan Dalitz, Nicola Hensel, Karl-Uwe Heussner, Christoph Kappler, Uwe Michas, Joachim Müller, Grit Schwalbe, Roland Weisse, Oliver Bens** - *A vast medieval dam-lake cascade in northern central Europe: review and new data on late Holocene water-level dynamics of the Havel River, Berlin-Brandenburg region (Germany)*
- 19:00-19:05 **Piotr Kittel, Olga Antczak, Steve Brooks, Scott Elias, Marek Krapiec, Tomi Luoto, Daniel Okupny, Dominik Pawłowski, Mateusz Płóciennik, Monika Rządziejewicz, Jerzy Sikora, Renata Stachowicz-Rybka, Agnieszka Wacnik** - *Fluvial archive in the moat fill - palaeoenvironmental research in the Luciąża River valley in Rozprza, Central Poland*
- 19:05-19:10 **Kinga Stępień, Dominika Zaborska, Tomasz Kalicki, Marcin Frączek** - *Geoarchaeological studies near Brzegi in Nida river valley (Polish Uplands)*

**20:00 CONFERENCE DINNER**

# FIELD GUIDE



**Wednesday,  
September 14, 2016**

- Rozprza
- Belchatów
- Koźmin

**Thursday,  
September 15, 2016**

- Kazimierz Dolny
- *Chodelka*
- Krzemionki Opatowskie

**Friday, September  
16, 2016**

- Suchedniów/  
Conference Venue
- Stąporków
- Chęciny
- Ostrów

**Saturday,  
September 17, 2016**

- Wiślica
- Witów
- Niepołomice
- Kraków



### Wednesday, September 14, 2016 - Third day

7:00 breakfast

#### **08:00 FIELD EXCURSION: “RIVER VALLEY EVOLUTION ON ODER-WARTHA GLACIATIONS AREA”**

- Bełchatów (overview of Quaternary sedimentation and stratigraphy on Polish Plain)
- Rozprza (Geoarchaeological study of Medieval Hillfort in Luciąrza river valley)
- Koźmin (subfossil riparian forest from Alleröd-Younger Dryas)

### Thursday, September 15, 2016 - Fourth day

7:00 breakfast

#### **08:00 FIELD EXCURSION: “RIVER VALLEY EVOLUTION OF MIDDLE MOUNTAIN AND UPLAND AREA”**

- Kazimierz Dolny (Medieval old city, gap section of the Vistula river Quaternary evolution, loess erosional landscape)
- Chodelka (Late Glacial and Holocene evolution of gap section)
- Krzemionki Opatowskie (Neolithic flint mines)

### Friday, September 16, 2016 – Fifth day Sixth

7:00 breakfast

#### **08:00 FIELD EXCURSION “RIVER VALLEY EVOLUTION OF UPLAND AND SUBCARPATHIAN BASIN”**

- Suchedniów-Skarżysko Kamienna (evolution of Holy Cross Mountain river valleys: Kamienna and Kamionka river valleys, natural and anthropogenic factors)
- Stąporków (Vistulian and Holocene evolution of Czarna valley)
- Chęciny (Medieval castle, geological and geomorphological regional overview)
- Ostrów (Late Glacial and Holocene evolution of Czarna Nida valley)

### Saturday, September 17, 2016 - Sixth day

7:00 breakfast

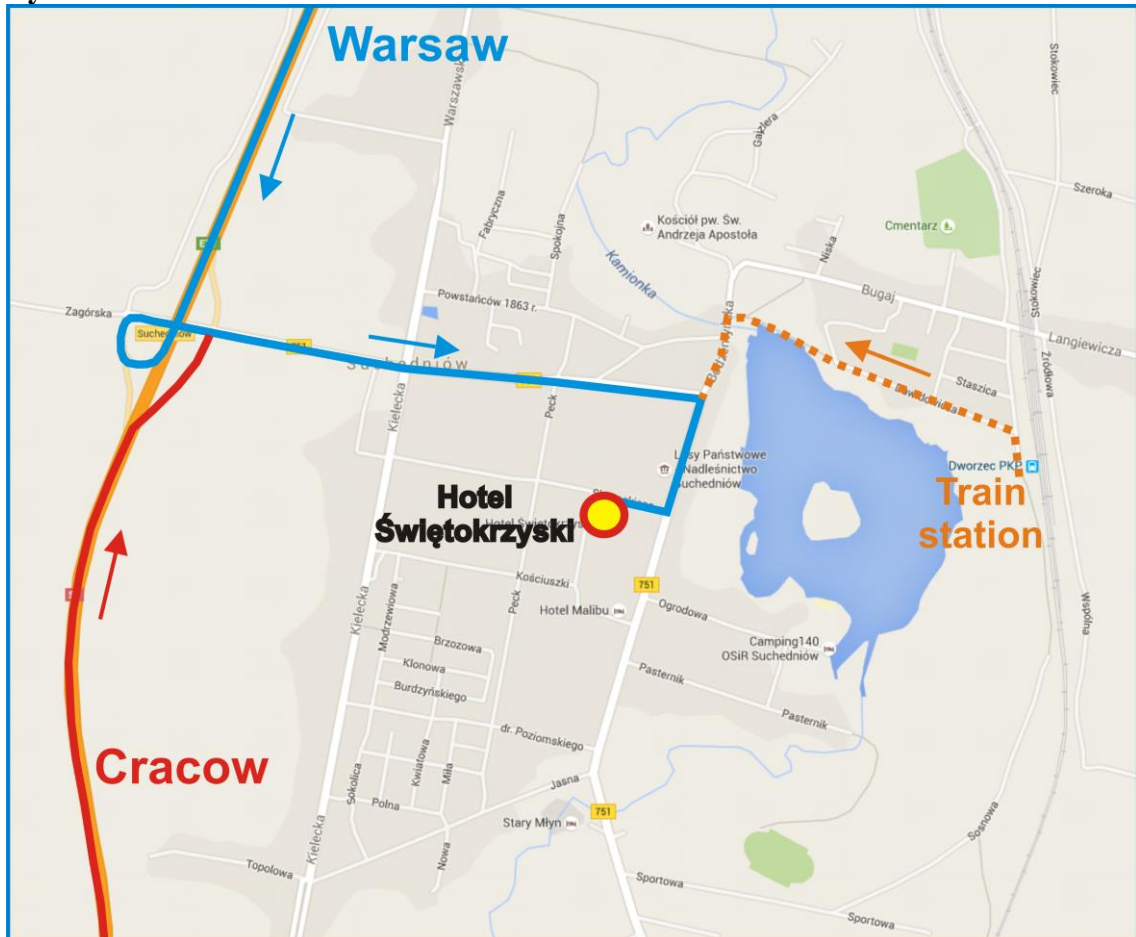
#### **FIELD EXCURSION “RIVER VALLEY EVOLUTION OF UPLAND AND SUBCARPATHIAN BASIN”**

- Wiślica (Evolution of Nida valley)
- Witów (Tertiary/Quaternary alluvial deposits (molasa) in Subcarpathian Basin)
- Niepołomice (old city, Medieval castle, Late Glacial and Holocene evolution of the upper Vistula river valley)
- Cracow (the official end of the field trip)

Sunday, September 17, 2016 – possibility to make individual sightseeing of Cracow (Krakow) city and region of Cracow (Ojców National Park, Auschwitz etc.)

**Transport to the conference venue:**

**By car**



**By train**

Detailed and current timetable is available on the official website

<http://flag2016suchedniow.pev.pl/>

In case of any question or if you need transport from train station in Suchedniów or from Kielce to the Conference Venue please contact with Organizing Committee

[flag2016.kielce@gmail.com](mailto:flag2016.kielce@gmail.com)