



International Symposium on Archives of Quaternary River Basin Erosion

06 – 10 April 2024 – Galera, Andalusia, Spain

Conference Venue

You will find the Hotel Galera on: Calle San Miguel 21, 18840 Galera, Granada, Spain



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Friday,	April 05, 2024
18:00	Icebreaker and Registration
	Icebreaker will be organized in the evening in the Hotel Galera from around 6 p.m.
Saturday,	April 06, 2024
09:00 - 9:10	Opening and Welcome address by Mayor
09:10 - 9:20	Introduction D. Faust, F. García Tortosa, T. Kolb & D. Wolf
09:20 – 10:50	Session I – Long-term evolution of fluvial systems Chairperson: Jef Vandenberghe
09:20 – 10:00	Keynote: Antoine P. Erosion in European Quaternary River basins: a Northern France perspective (Somme and Seine River systems).
10:00 – 10:25	Martín-Martín I., Silva P.G., Tarriño A., Sarrionandia F. Preliminary evolutionary model of the fluvial network in the Llanada Alavesa (North of Iberian Peninsula, Spain).
10:25 – 10:50	Schwamborn G., Schirrmeister L., Mohammadi A., Meyer H., Kartoziia A., Maggioni F., Strauss J. Late Quaternary fluvial history in the lower Lena River reaches, north-eastern Siberia.
10:50 – 11:20	Coffee break
11:20 – 13:00	Session II – Palaeoenvironmental reconstruction and proxy information in fluvial systems Chairperson: Daniel Wolf
11:20 – 11:45	Wackenheim Q., Limondin-Lozouet N., Dabkowski J., Richter C., Wolf D., Faust D., García-Tortosa F.J., Berger J.F., Depreux B. The African Humid Period in the southwestern Mediterranean Basin: Insight from Holocene land snail assemblage.
11:45 – 12:10	Mangas J., Menéndez I., Marrero A., Suarez C. Relict carbonated spring deposit accumulated on the Azuaje ravine slopes (Gran Canaria Island, Spain).
12:10 – 12:35	Sadokov D., Bobrov N., Ruchkin M., Petrov A., Kostromina N., Ding P., Savelieva L., Kuznetsov A., Chen Y., Mazei N., Tsyganov A., Mazei Y. A buried Late Glacial peatsoil marks transition of morphogenesis in the central Mologa-Sheksna Lowland (East European plain).
12:35 – 13:00	Limondin-Lozouet N., The Caours tufa (Northern France): a new reference for the continental dynamics of the Eemian interglacial.
13:00 – 15:00	Lunch break

15:00 – 16:40	Session III – Fluvial erosion and deposition – Fundamental ideas on the sequence of processes Chairperson: Markus Fuchs
15:00 – 15:25	Vandenberghe J., Vandenberghe J. Natural flooding evolution in relation to climate.
15:25 – 15:50	Beuzen-Waller T. Late Pleistocene-Holocene fluvial records from the southern piedmont of the Hajar Mountains (Oman): hydro-climatic and archaeological implications.
15:50 – 16:15	Kolb T., Fuchs M. Luminescence dating and diachronism of fluvial terrace formation.
16:15 – 16:40	Zhang L.Q., Zhang Q., Lí Y.K., Xu X.K., Fu P., Evans I.S., Brenning A., Yi C.L., Harbor J.M., Struck J., Acharya S., Zech R. Transition in denudation mode as a fundamental mechanism driving land surface mass loss.
16:40 – 17:10	Coffee break
17:10 – 19:00	Poster Session Chairperson: Laura Kögler
	Al-Halbouni D., Schulten H., Orhan O., Alrabayah O., Haghshenas Haghighi M., Caus D., Watson R.A., Weigel T., Holohan E., Gutierrez F. Subsidence in Quaternary lake deposits.
	Algar Leiva F.J., Recio Espejo J.M., Díaz del Olmo F. Weathering processes in recent sediments in the Sierra Morena central region (Santa María de Trassierra, Córdoba, Spain).
	Baena Escudero R., Guerrero I.C., Rinaldi M. Regressive erosion of the Lower Guadalquivir River after the completion of artificial cut-offs for navigation.
	Durán F., Baena R., Guerrero I.C., Rinaldi M. Erosion versus sedimentation on the Guadalquivir channel and floodplain (Southern Spain) over the last two centuries.
	Booth-Rea G., Galve J.P., Moreno Sánchez M., Ballesteros D., Pérez-Peña V., Ruano P., García-García F., Azañón J.M. Drainage records the landscape response influenced by a tearing slab in the western Betics.
	Marburg C., Wolf D. Holocene landscape evolution in a central European loess landscape – Findings from fluvial sediments of the Jahna River (Saxony, Germany).
	Recio Espejo J.M., Díaz del Olmo F. The pedogenetic process of Tirsification: Evolution during the Holocene and degenerative processes.

Sunday	April 07, 2024
09:30 – 11:10	Session IV – Men-environment interaction in fluvial systems Chairperson: Thomas Kolb
09:30 – 09:55	Fahrenberg M., Reinhardt-Imjela C., Schulte A. Determining sedimentation rate using radionuclide dating in the Angolan-Namibian Iishana system.
09:55 – 10:20	Fuchs M. Holocene fluvial sediment dynamics in agricultural catchments: Examples from mesoscale catchments in N-Bavaria, Germany.
10:20 – 10:45	Pietsch D., Beuzen-Waller T., Schmitt K. Soils in the fluvial context. Al-Khashbah (Oman) in the Mid-Holocene/Bronze Age.
10:45 – 11:10	Gärtner A. River versus Host Rock: A case study of heavy mineral abundances in the Rio Sella catchment, Northern Spain.
11:10 – 11:40	Coffee break
11:40 – 12:55	Session V – Processes and driving forces in alluvial systems Chairperson: Nicole Limondin-Lozouet
11:40 – 12:05	Galve J.P., Alvarado G.E., Sanabria I., Granados-Bolaños S., Ruano P., Pérez Peña J.V., Azañón J.M. Unveiling fluvial dynamics in the Northern Costa Rican Caribbean coastal plains.
12:05 – 12:30	Walk J., Mohren J., Binnie A., Brill D., Brückner H., Schaubert V., Quezada A., Lehmkuhl F. Assessing the last “large scale fluvial modification” across the hyperarid Atacama Desert (N Chile): Does major alluvial fan aggradation follow a (palaeo-)climatic gradient?
12:30 – 12:55	Lattao V., Aquilano A., Gomes H., Henriques M.H., Marrocchino E., Rosina P. Fluvio-colluvial deposits stable isotopic analysis to attempt an environmental reconstruction.
12:55 – 13:20	Roettig C.B., Labahn J., Kolb T., Günter C., Schleicher A., Marburg C., Kanig P., Faust D. Cyclicity patterns of Quaternary vega sequences on the eastern Canary Islands.
13:20 – 15:30	Lunch break
15:30 – 16:30	Introduction to the field trip Wolf D. & Faust D.
16:30 – 19:00	Mid-Conference excursion to “Castillo Alto” Chairperson: Francisco Juan García Tortosa
19:30 – 21:00	Flamenco Show at a place specified by the municipality
21:30	Conference Dinner, Hotel Galera