

IQUA Autumn Symposium 2023

9:30 Registration opens

10:00 **Welcome address**

Session 1: Humans and marginal landscapes

10:20 **Kangkang Li**, X. Qin, G. Plunkett

Environmental aspects of the decline of the ancient Silk Road

10:35 **Gill Plunkett**

No Man's Land? Can we identify territorial boundaries through pollen analysis?

10:50 **Tea/coffee**

11:20 **Keynote:** Eugene Costello

Learning from the past? Adapting land use and shaping habitats in uplands since medieval times

12:00 **Carla Ferreira**

Socio-political contexts as drivers of upland cultural land-use change and impacts on landscape over the last millennium. The Cabreira Mountain, northwest Portugal.

12:15 S. Kelley, **Graeme Warren**, M. Butler, A. Doughty, M. Moucheron, N. Lifton

Life on the margin, early people and glacier environments of the Cairngorm

12:30 **Lunch**

Session 2: Processes in marginal environments

13:45 **Dave O'leary**, J. Connolly, L. Gilet, P. Tuphy, J. Hodgson, E. Daly

Identifying the Transition Zone between Peat and Non-Peat Soils Using Airborne Radiometric Data

14:00 **Jasper Knight**

Episodic lateglacial and Holocene meander migration patterns of the Blue Nile River, South Sudan, and their implications

14:15 **Peter Glanville**

River Channel and Floodplains as marginal environments in the Irish landscape: The importance of Physical Processes and Nature Based Solutions in the restoration of our rivers biodiversity

14:30 **David A. Hatton**, H.M. Roe, R.T. Patterson, P.R. Leavitt, E.T. McCann, D.R.

McMullin, E.G. Reinhardt, N.A. Nasser

Exploring the drivers of toxic lake cyanobacterial bloom events using conventional and novel proxies from sedimentary cores

14:45 **Catherine Dalton**

Blind Loughs: a preliminary cartographic and typonomic examination

15:00 *Tea/coffee*

Session 3: Ice sheets and their margins

- 15:30 **Pete D. Akers**, B.G. Kopec, E.S. Klein, J.M. Welker
Water isotopes across a periglacial Greenland landscape: lessons for paleoclimate reconstruction in Ireland and afar
- 15:45 **Matthew Hunt**, A. Newton, B. Rea, A. Jennings
Holocene Oceanographic Change in Northwest Greenland
- 16:00 A. Clark, **Sam Roberson**, B. Davies, S. Blockley, A. Palmer, M. Damaschke
New investigations into the deglaciation of northeast Ireland: initial results from high-resolution geomorphological mapping
- 16:15 **IQUA Prize-giving**
- 16:20 **Concluding remarks**