

# **Climate History, Drought and Desertification in the Ancient Near East**

**Convener, Prof. Hendrik J. Bruins, Ben-Gurion University, Israel**

**Thursday, Nov. 20 08:30-10:00 Classroom 2**

Ms. Sawsan Baterseh, USAID, Jordan, and Prof. Hendrik J. Bruins, Ben-Gurion University, Israel, "*Drought in Jordan: P/PET Classification and Tree Rings.*"

Dr. Chris Hunt, Liverpool John Moores University, UK, "*Climate Change, Human action and Desertification in the Wadi Faynan, Jordan.*"

Dr. Bernhard Lucke, FAU Erlangen-Nuremberg, Institute of Geography, Germany, "*A rapid landscape change in 6th century northern Jordan: desertification, or driven by climatic extremes?*"

**Thursday, Nov. 20 10:00-11:30 Classroom 2**

Dr. Revital Bookman, University of Haifa, Israel, "*Post glacial and Holocene Dead Sea levels as indicators of Near East paleoclimate.*"

Prof. Amos Frumkin, The Hebrew University, Israel, "*Climatic deterioration during the Middle Bronze Age revealed by subfossil wood from the southern Levant.*"

Dr. Oren Ackerman, Bar-Ilan University, Israel, "*Drought, Economic Crisis and Demography: Two Case Studies from the Byzantine and Early Arab Near East.*"

**Thursday, Nov. 20 12:00-13:30 Classroom 2**

Dr. Jacob Vardi, Israel Antiquities Authority, Israel, "*Man-made desertification? New evidence from a late Neolithic-Chalcolithic occupation of Har Harif (Central Negev highlands, Israel).*"

Prof. Hendrik Bruins, Ben-Gurion University, Israel, "*Climate Change and Runoff/Floodwater Capturing Agriculture in the Central Negev: Dating, Temporal and Causal Relationships?*"