

# Geowissenschaftliches Kolloquium

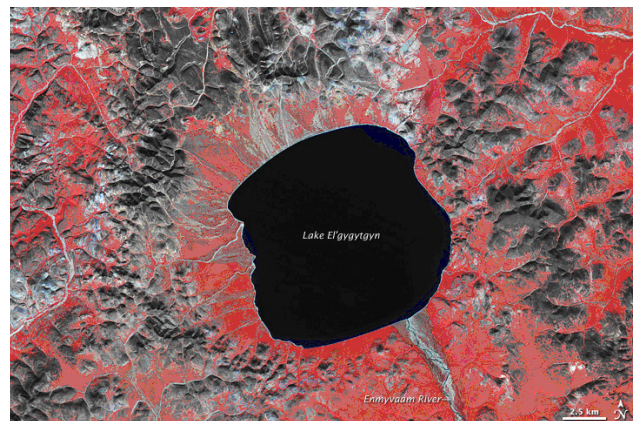
## ***Meteorite-made history: A 3.5 million-year-old environmental archive from impact crater Lake El'gygytgyn in Siberian Arctic***

Donnerstag, 26. November 2015 - 16.15 Uhr

### **Pavel E. Tarasov**

(Freie Universität Berlin, Fachrichtung Paläontologie)

Many of the visible signs of global warming first appear in the Earth's Polar Regions. To understand how Arctic environment might change in the future, we need to know how global warming affected these regions in the past. A sedimentary and pollen archive of Lake El'gygytgyn, laying 100 km north of the Arctic Circle in NE Siberia, offers a glimpse into the climate of the past 3.5 million years. It occupies a crater, which results from a 3.6-million-year-old meteorite impact.



**Prof. Dr. Pavel E. Tarasov** is currently an APL professor at the Institute of Geological Sciences, Free University of Berlin. He conducted his postdoctoral research projects in the Lund University, Sweden, University of Marseille, France, International Research Center for Japanese Studies, Kyoto. Since 2004 he is affiliated with FU. Pollen-based reconstructions of past climate, vegetation and human-environmental interactions are among his research interests.

Layout: FUB Geopal Medienbüro, Jan Evers 2015.11.19

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