

# INUTEK



Torsdag den 25. august 2011 kl. 19:30

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Indbydelse til foredrag

## “Reconstructing sea-level and ice sheet changes in West Greenland”

Sted: den grønne TELE-bygning på Perngarfik 2, 1. sal

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Med dette foredrag på engelsk genoptager INUTEK rækken af møder om klimaforandring og afsmeltning på indlandsisen:

*“The history of the Greenland ice sheet during the past few thousand years is interesting.*

*We want to understand the response of the ice sheet to climate variations in the past, which helps to predict what might happen in the future. We do this by reconstructing changes in sea level using small lakes which were submerged and are now isolated from the sea, and salt marshes which exist close to present sea level.*

*Sea level has fallen by tens of metres on the west coast since deglaciation due to crustal rebound caused by ice unloading, but during the past two millennia sea level rose again because of ice sheet expansion and reloading during the neoglacial period. We are particularly interested in what sea-level changes can tell us about ice sheet fluctuations, to provide a long-term perspective on recent instrumental measurements.*

*The talk will focus on the sea-level work we have carried out over the past ten years or so from Nanortalik in the south to Ilulissat in the north and what it can tell us about ice sheet history.”*

Foredrag ved:

Professor Antony Long

&

Lecturer Dr Sarah Woodroffe

Department of Geography, Durham University, England

Aggialluarisi! / Vel mødt!

*OBS: foredrag holdes på engelsk*