



glacial isostatic adjustment (GIA) school
— krótkie sprawozdanie — Marcin Rajner



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13 IX - 20 IX 2015
Ohio State University,
Wyspa Gibraltar na jeziorze Erie



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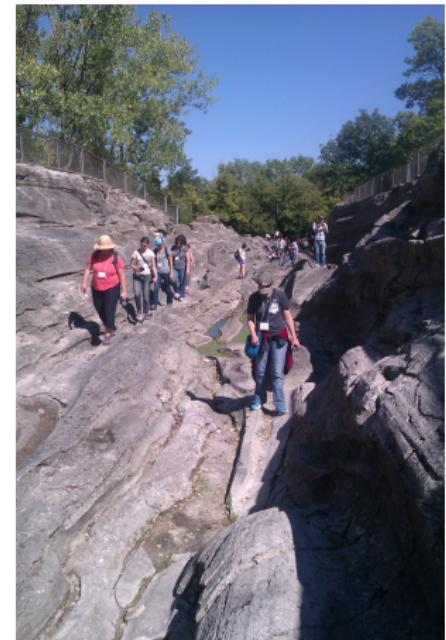




interdyscyplinarny charakter szkoły

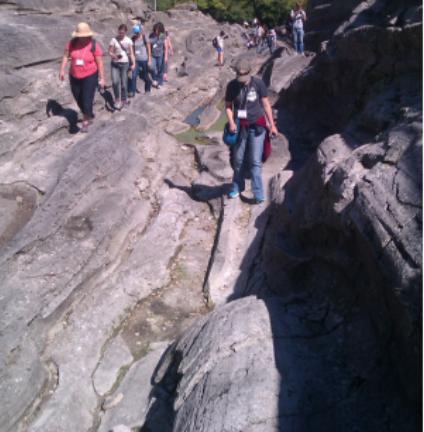
- geodezja (kształt Ziemi, pole siły ciężkości, ruch obrotowy Ziemi)
- geofizyka
- geomorfologia
- geologia
- zmiany poziomu morza
- glacjologia

obecne i historyczne efekty



- geofizyka
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- geologia
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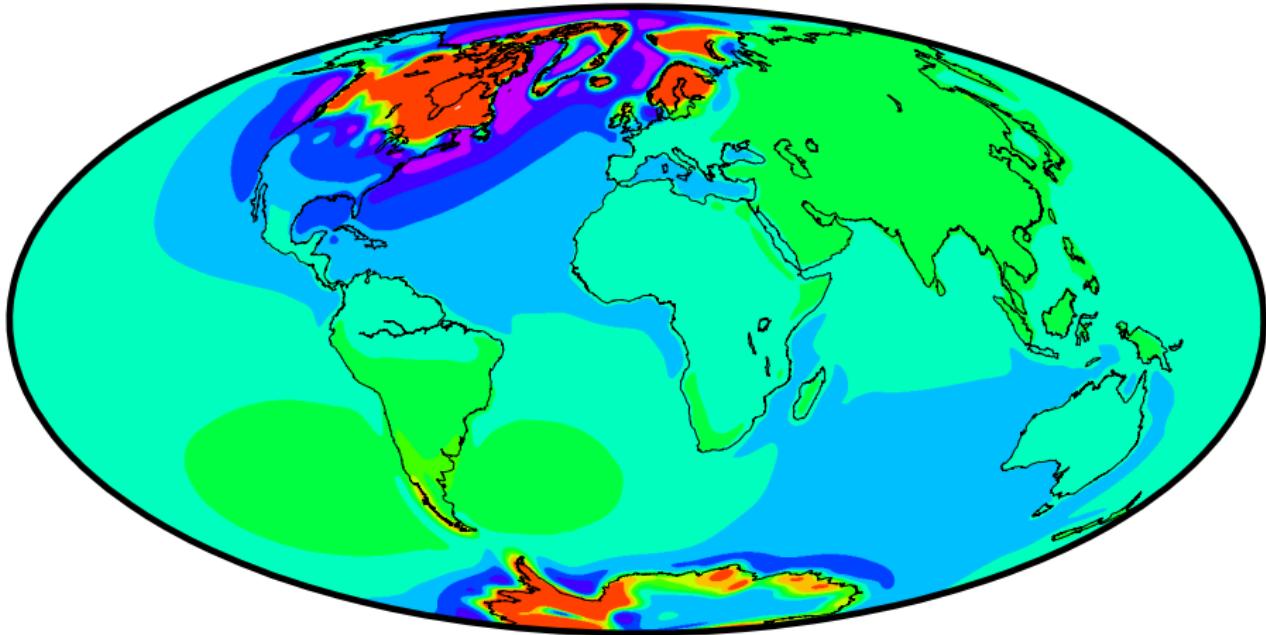
obecne i historyczne efekty



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Mike	Bevis
Ian	Dalziel
Erik	Ivins
Giorgio	Spada
Wouter	van der Wal
Pippa	Whitehouse
Doug	Wiens

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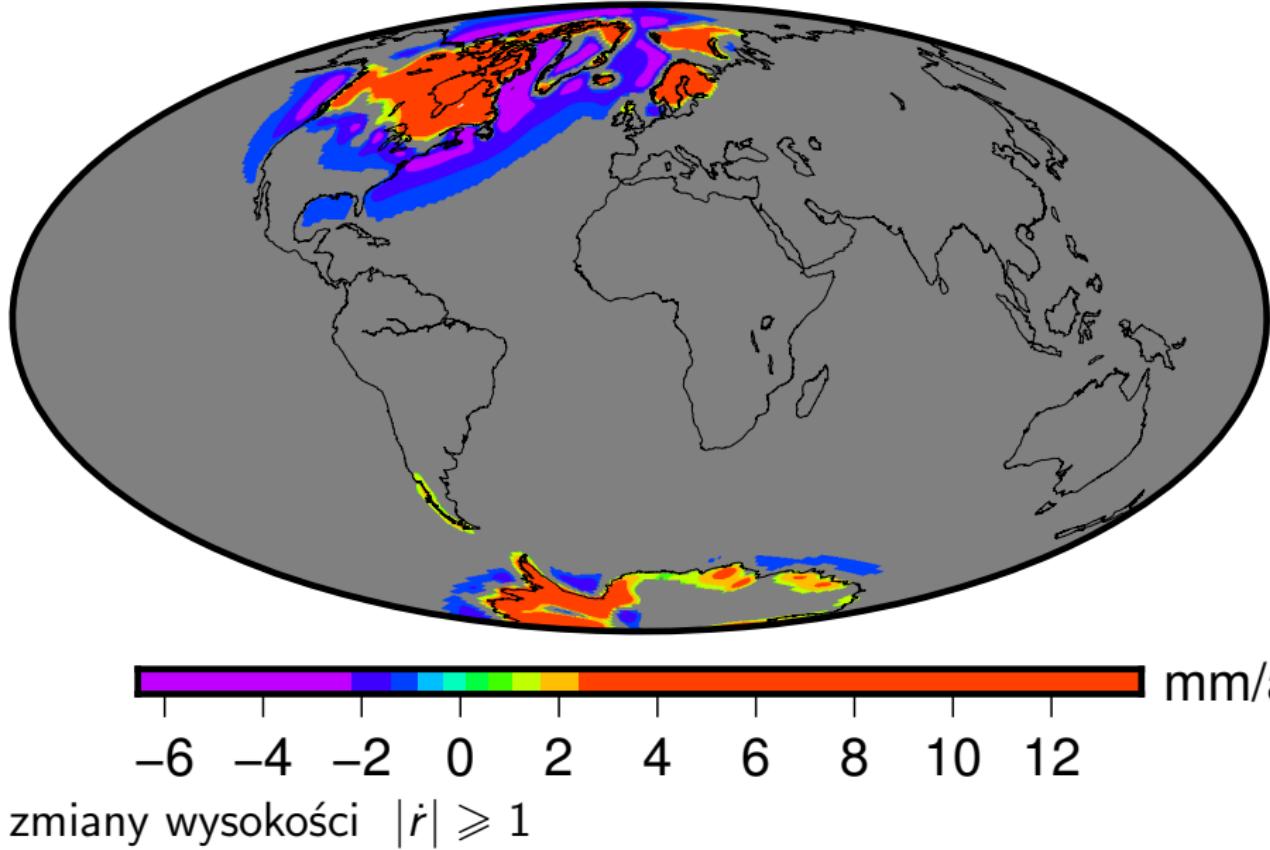
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zmiany wysokości

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zmiany wysokości $|r| \geq 1$

POLENET/SCAR-SERCE GIA Training School Lec

14-18 September, 2015 Gibraltar Island, Lake Er

Lecture Session 7: Records used to reconstruct ice sheet history (Mike)

<http://carmenconnect.osu.edu/p8y7p2wzcnf/>

Lecture Session 8: Generating ice history models (Pippa Whitehouse)

<http://carmenconnect.osu.edu/p656tyzpluw/>

Lecture Session 1: Historical Background – Glacial Isostatic Adjustment

<http://carmenconnect.osu.edu/p85i26yl3s3/>

Lecture Session 9: Rheology, including lateral variation, interpretation (Doug Wiens), results from laboratory experiments and conversion equ finite-element/finite volume modelling (Wouter van der Wal).

<http://carmenconnect.osu.edu/p5mcj0x477c/>

Lecture Session 2: Introduction to records of GIA and sea level change gravity (Pippa Whitehouse, Erik Ivins, Holger Steffen)

<http://carmenconnect.osu.edu/p6ylzk69blh/>

Lecture session 10: GIA reference frames and comparison of model predictions (Mike Ravine)

<http://www.ee.vt.edu/~82ncln48/>

Lecture Session 3: Introduction to seismology, seismic discontinuities properties (Doug Wiens)

Lecture: <http://carmenconnect.osu.edu/p6h8p9t0uq9/>

Introduction to SEATREE: <http://carmenconnect.osu.edu/p8ivz5infwj/>

Lecture Session 11: Using data, and data uncertainties, in evaluating a models (examples from Erik Ivins, Pippa Whitehouse, Mike Bevis, Tor

Erik, Pippa, Mike: <http://carmenconnect.osu.edu/p95n>

Lecture Session 4; Lithosphere: tectonic history of Antarctica and how properties (Ian Dalziel and Terry Wilson)

Tonic: <http://carmenconnect.osu.edu/p4705y0pe6h/>

Lecture Session 5: Basics of GIA modelling techniques (Wouter van der Spada)

<http://carmenconnect.osu.edu/p9llx28ef7j/>

Lecture Session 8: Generating ice history models (Pippa Whitehouse et al.)

<http://carmenconnect.osu.edu/p656tvzpluw/>

Lecture Session 9: Rheology, including lateral variation, interpretation (Doug Wiens), results from laboratory experiments and conversion equations finite-element/finite volume modelling (Wouter van der Wal)

<http://carmenconnect.osu.edu/p5mei0x477e/>

Lecture session 10: GIA reference frames and comparison of model predictions (Mike Bevis)

<http://carmenconnect.osu.edu/p82nz1nq48/>

Lecture Session 11: Using data, and data uncertainties, in evaluating a GIA model (examples from Erik Ivins, Pippa Whitehouse, Mike Bevis, Tor Erik, Pippa, Mike: <http://carmenconnect.osu.edu/p95nocirvui/>)

Tonie: <http://carmenconnect.osu.edu/p4705y0pe6h/>

Lecture Session 1: Historical Background – Glacial Isostatic Adjustment (Mike Bentley, Holger Steffen)

<http://carmenconnect.osu.edu/p85126v13x3/>

Lecture Session 2: Introduction to records of GIA and sea level change (Pippa Whitehouse, Erik Ivins, Holger Steffen)

<http://carmenconnect.osu.edu/p6ylzk69bh/>

Lecture Session 3: Introduction to seismology, seismic discontinuities and properties (Doug Wiens)

Lecture: <http://carmenconnect.osu.edu/p6h8p9t0ug9/>

Introduction to SEATREE: <http://carmenconnect.osu.edu/p8ivz5infwji/>

Lecture Session 4: Lithosphere: tectonic history of Antarctica and how properties (Ian Dalziel and Terry Wilson)

<http://carmenconnect.osu.edu/p7n2hq1fmbl/>

Lecture Session 5: Basics of GIA modelling techniques (Wouter van der Wal, Spada)

<http://carmenconnect.osu.edu/p9llx28ef7j/>

Lecture Session 6: Introduction to Computer Exercises (Giorgio Spada)

SELEN part 1: <http://carmenconnect.osu.edu/p5i5dasrqmp/>

SELEN part 2: <http://carmenconnect.osu.edu/p84fs0iorkn/>

SELEN part 3: <http://carmenconnect.osu.edu/p3uyvak7g2q3/>



URL: <ftp://ftp.deos.tudelft.nl/upload/GIASchool/>.



URL: http://polenet.org/?page_id=2261.



URL: <http://www.grat.gik.edu.pl/joze2015>.