

# International Geoscience Programme

## IGCP projects 2009



(updated 20/03/2009)

- | No. | title,<br>project leader(s),<br>duration (OET – on extended term)<br>website(s)  |
|-----|--|
| 480 | <b>Tectonics of Central Asia</b><br>B. Natal'in (Turkey), A. Yin (United States), A. M. C. Şengör (Turkey), M. Kuzmin (Russia),<br>Shuwen Dong (China)<br>2005-2009<br><a href="http://www.igcp.itu.edu.tr/">http://www.igcp.itu.edu.tr/</a>   |
| 493 | <b>The Rise and Fall of the Vendian Biota</b><br>M. Fedonkin (Russia), P. Vickers-Rich (Australia), J. Gehling (Australia)<br>2003-2007 (OET)<br><a href="http://www.geosci.monash.edu.au/precsite">http://www.geosci.monash.edu.au/precsite</a>   |
| 495 | <b>Quaternary Land-Ocean Interactions</b><br>A. Long (United Kingdom), S. Islam (Bangladesh)<br>2004-2008 (OET)<br><a href="http://www.geography.dur.ac.uk/projects/igcp495">www.geography.dur.ac.uk/projects/igcp495</a>  |
| 497 | <b>The Rheic Ocean</b><br>U. Linnemann (Germany), R. D. Nance (United States), M. de Wit (South Africa), E. Bozkurt<br>(Turkey), P. Kraft (Czech Republic), F. Pereira (Portugal), R. A. Strachan (United Kingdom)<br>2004-2008 (OET)<br><a href="http://www.snsd.de/igcp497/">http://www.snsd.de/igcp497/</a>                                   |
| 499 | <b>Devonian land-sea interaction: Evolution of Ecosystems and Climate in the Devonian</b><br>P. Königshof (Germany), J. Lazauskiene (Lithuania), E. Schindler (Germany), Volker Wilde<br>(Germany) and N. Yalçin (Turkey)<br>2004-2008 (OET)<br><a href="http://www.senckenberg.de/igcp-499">http://www.senckenberg.de/igcp-499</a>              |
| 500 | <b>Dryland Change: Past, Present, Future</b><br>D.Thomas (United Kingdom)<br>2004-2008 (OET)<br><a href="http://igcp500.ouce.ox.ac.uk/">http://igcp500.ouce.ox.ac.uk/</a>  |
| 502 | <b>Global Comparison of Volcanic-hosted Massive Sulphide Districts</b><br>R.Allen (Sweden), F. Tornos (Spain), J. Peter (Canada), N. Çagatay (Turkey)<br>2004-2008 (OET)<br>< <a href="http://www.1tu.se/tkg/">http://www.1tu.se/tkg/</a> ><br>< <a href="http://www.1tu.se/tkg/avd/kgoforsk/IGCP">http://www.1tu.se/tkg/avd/kgoforsk/IGCP</a> > |
| 503 | <b>Ordovician Palaeogeography and Palaeoclimate</b><br>T. Servais (France), D.A.T. Harper (Denmark), J. Li (China), A. Munnecke (Germany), A. W.<br>Owen (United Kingdom), P.M. Sheehan (United States)<br>2004-2008 (OET)<br><a href="http://sarv.gi.ee/igcp503/">http://sarv.gi.ee/igcp503/</a>  |
| 506 | <b>Marine and Non-marine Jurassic</b>  |

- Jingeng Sha (China), Nicol Morton (France), W. A.P. Wimbledon (United Kingdom), Paul E. Olsen (United States), Alberto G. Riccardi (Argentina), Grzegorz (Gregory) Pieńkowski (Poland), Yongdong Wang (China)  
2005-2009  
<http://www.nigpas.ac.cn/IGCP506index.asp>
- 507 Paleoclimates of the Cretaceous in Asia**  
Yong Il Lee (Korea), Xiaoqiao Wan (China), Takashi Sakai (Japan), and Krishnan Ayyasami (India)  
2006-2010  
<http://igcp507.kopri.re.kr/>
- 509 Palaeoproterozoic Supercontinents and Global Evolution**  
S.M. Reddy (Australia), D. Evans (United States), R. Mazumder (India)  
2005-2009  
<http://earth.geology.yale.edu/igcp509/>
- 510 A-type Granites and Related Rock through Time**  
Roberto Dall'Agnol (Brazil), Carol D. Frost (United States), O. Tapani Rämö (Finland), L.J. Robb (South Africa)  
2005-2009  
<http://www.igcp-510.org>
- 511 Submarine Mass Movements and Their Consequences**  
Jacques Locat (Canada), Juergen Mienert (Norway) and Roger Urgeles (Spain)- (IOC link)  
2005-2009  
<http://www.geohazards.no/IGCP511>
- 512 Neoproterozoic Ice Ages**  
Graham A. Shields (Australia), Emmanuelle Arnaud (Canada)  
2005-2009  
[www.IGCP512.org](http://www.IGCP512.org)
- 513 Karst Aquifers and Water Resources**  
Chris Groves (United States), Yuan Daoxian (China), Bartolome Andreo-Novarro (Spain), Heather Viles (United Kingdom)  
2005-2009  
<http://hoffman.wku.edu/igcp/513.html> (General information)  
<http://hoffman.wku.edu/karst2007/k2007.html>  
<http://www.wku.edu/cehp>  
[http://www.cosis.net/members/meetings/sessions/information.php?p\\_id=247&s\\_id=4433](http://www.cosis.net/members/meetings/sessions/information.php?p_id=247&s_id=4433)
- 514 Fluvial Palaeosystems: Evolution and Mineral Deposits**  
A. Duk-Rodkin (Canada), Baohong Hou (Australia), Li Ziyang (China), Vladimir Dolgoplov (Kazakhstan), N. Patyk-Kara (Russia) passed away in 2008  
2005-2009  
<http://www.igem.ru/igcp514/>
- 516 Geological Anatomy of East and South East Asia**  
Ken-ichiro Hisada (Japan), Punya Charusiri (Thailand), Byung-Joo Lee (Rep. of Korea), Xiaochi Jin (China)  
2005-2009  
<http://staff.aist.go.jp/hara-hide/igcp516>
- 519 Hydrogeology, Hydrochemistry and Management of Coastal Aquifers on the Atlantic Coast of South America**  
Emilia Bocanegra (Argentina), Emilio Custodio (Spain), Marisol Manzano (Spain), Gerson Cardoso (Brazil), Jenny Reynolds Vargas (Costa Rica),  
2005-2009  
<http://www.mdp.edu.ar/exactas/geologia/cgcyc/hidrogeologia.html>

- 521 Black sea Mediterranean Corridor during the last 30 ky: Sea level change and human adaptation**  
Valentina Yanko-Hombach (Canada), Yucel Yilmaz (Turkey), Pavel Dolukhanov (United Kingdom)  
2005-2009  
<http://www.avalon-institute.org/IGCP>  
<http://black.sealevel.ca>  
<http://www.bridge.bris.ac.uk/projects/EMBSECBIO>  
<http://www.paleontol.geo.sfedu.ru>
- 523 GROWNET – Gobal Ground Water Network**  
Shrikant Daji Limaye (India), Antony J Reedman (United Kingdom)  
2005-2009  
<http://www.igcp-grownet.org>
- 524 Arc-Continent Collision**  
Denis Brown (Spain), Chi-Yue Huang (Taiwan)  
2007-2009  
[www.ija.csic.es/gt/IGCP524](http://www.ija.csic.es/gt/IGCP524)
- 526 Risks Resources and Record of the Past on the Continental Shelf**  
Francesco L.atino Chiocci (Italy), Lindsay Collins (Australia), Michel Michaelovitch de Mahiques (Brazil), Renée Hetherington (Canada)  
2007(-2011).
- 529 Availability of groundwater resources in selected urban areas in Southern African Development Community (SADC) region**  
Imasiku A. Nyambe (Zambia)  
2007-2011
- 540 Gold-bearing hydrothermal fluids of orogenic deposits**  
P.S. Garofalo (Italy), J.R. Ridley (USA), Vsevolod Prokof'ev (Russia)  
2007-2011  
[http://www.geomin.unibo.it/igcp\\_540](http://www.geomin.unibo.it/igcp_540)
- 543 Low-temperature thermochronology: applications and inter-laboratory calibration**  
Massimiliano Zattin (Italy), J. I. Garver (USA), Vitaliy A. Privalov (Ukraine), Alexei V. Soloviev (Russia), Cornelia Spiegel (Germany), Maarten de Wit (South Africa), Dewen Zheng (China)  
2007-2010
- 546 Subduction zones of the Caribbean**  
Antonio Garcia-Casco (Spain), Uwe Martens (USA)  
2007-2011  
<http://www.ugr.es/~agcasco/igcp546/>
- 555 Rapid Environmental/Climate Change in the Cretaceous Greenhouse World**  
Chengshan Wang (China), Robert Scott (USA), Hugh Jenkyns (UK), Michael Wagreich (Austria), William Hay (USA); Zakharov Y.D. (Russia)  
2007-2010  
[www.cretaceousworld.com/igcp555](http://www.cretaceousworld.com/igcp555)
- 557 Diamonds, xenoliths and kimberlites**  
Holger Sommer (Botswana), Klaus Regenauer-Lieb (Australia), Christoph Hauzenberger (Austria) Jonathan Kashabano (Tanzania), Gétan Moloto-A-Kenguemba (Central African Republic)  
2007-2011  
<http://igcp557.uni-graz.at/>
- 559 Crustal Architecture and landscape Evolution**

- Bruce R. Goleby (Australia) and 14 members (USA, Canada, China, Finland, Netherlands, New Zealand, Russia)  
2008-2012
- 565 Geodetic Monitoring of the Global Water Cycle**  
Hans-Peter Plag (USA), Richard S. Gross (USA), Markus Rothacher (Germany), Norman L. Miller (USA), Susanna Zerbini (Italy), Chris Rizos (Australia)  
2008-2012
- 567 Earthquake Archaeology – Archaeoseismology along the Alpine-Himalayan seismic zone**  
Manuel Sintubin (Belgium), Iain Stewart (United Kingdom), Tina Niemi (USA), Erhan Altunel (Turkey)  
2008-2012
- 572 Permian-Triassic ecosystems**  
Zhong Qiang Chen (Australia), Richard J. Twitchett (United Kingdom), Jinnan Tong (China), Margret L. Fraiser (USA), Sylvie Crasquin (France), Steve Kershaw (United Kingdom), Thomas J. Algeo (USA), Kliti Grice (Australia)  
2008-2012
- 571 Radon, health and natural hazards**  
Gavin K. Gillmore (UK), Robin G.M. Crockett (UK), Frederic Perrier (France), Tadeusz Przylibski (Poland), Vivek Walia (Taiwan of China), Bikram Jit Singh Bajwa (India)  
2009-2014
- 574 Bending and Bent Orogens, and Continental Ribbons**  
Stephen T. Johnston, (Canada), Gabriel Gutierrez-Alonso (Spain), Arlo Weil (USA)  
2009-2014
- 580 Application of magnetic susceptibility on Paleozoic sedimentary rocks**  
Anne-Christine da Silva (Belgium), Michael T. Whalen (USA), Jindrich Hladil (Czech Republic), Daizhao Chen (China), Simo Spassov (Belgium), Frederic Boulvain (Belgium), Prof. Devleeschouwer Xavier (Belgium)  
2009-2014
- 581 Evolution of Asian River Systems**  
Hongbo Zheng (China), Ryuji Tada (Japan), Peter Clift (UK), Masood Ahmad (India), Zheng-Xiang Li (Australia), Kuo-Yen Wei (Taiwan of China)  
2009-2014
- 582 Tropical Rivers: Hydro-Physical Processes, Impacts, Hazards and Management**  
Edgardo M. Latrubesse (Argentina), Rajiv Sinha (India), Jose C. Stevaux (Brazil)  
2009-2014

Funded projects		30
O.E.T.	<u>7</u>	
Total	37	