



International Lithosphere Program*

Annual Report 2008

* The ILP-homepage informs about all aspects of ILP: <http://www.scl-ilp.org/>

REPORT OF ILP – INTERNATIONAL LITHOSPHERE PROGRAM

1. TITLE OF CONSTITUENT BODY AND NAME OF REPORTERS

Prof. Dr. Sierd Cloetingh, President (Vrije Universiteit Amsterdam)
Prof. Dr. Roland Oberhänsli, Secretary General (Universität Potsdam)
Dr. Alexander Rudloff, Executive Secretary (GFZ Potsdam)

ILP – an IUGS and IUGG initiative established by ICSU (International Council of Scientific Unions) in 1980

2. OVERALL OBJECTIVES

The International Lithosphere Program (ILP) seeks to elucidate the nature, dynamics, origin and evolution of the lithosphere through international, multidisciplinary geoscience research projects and coordinating committees.

The ILP is charged with promoting multidisciplinary research projects of interest to both the geological (IUGS) and geophysical (IUGG) communities.

The ILP seeks to achieve a fine balance between: “*addressing societal needs*”, e.g. understanding natural catastrophes and other solid earth processes that affect the biosphere, providing information for improved resource exploration and environmental protection; and “*satisfying scientific curiosity*”.

According to the new Terms of Reference ILP is a body of IUGG and IUGS.

**Inter-Union Commission on the Lithosphere:
The International Lithosphere Program (ILP)**

**TERMS OF REFERENCE
approved with modification by IUGG Bureau 18 October 2006**

I. ESTABLISHMENT AND PURPOSE OF THE PROGRAM

1. The International Lithosphere Program (ILP), guided by the Scientific Committee on the Lithosphere (SCL), was established in 1980 as the Inter-union Commission on the Lithosphere (ICL) by the International Council for Science (ICSU), at the request of the International Union of Geological Sciences (IUGS) and the International Union of Geodesy and Geophysics (IUGG). The name was formally changed to the Scientific Committee on the Lithosphere in 1999. According to Decision 8.4 from the 2005 ICSU General Assembly, ICSU decided “to withdraw ICSU sponsorship from SCL/ILP and to recommend that responsibility would then shift to IUGG and IUGS.”

2. The International Lithosphere Program (ILP) seeks to elucidate the nature, dynamics, origin, and evolution of the lithosphere, with special attention to the continents and their margins. Believing these goals are best attained through international, interdisciplinary collaboration, the ILP establishes international, multidisciplinary projects and working groups to pursue specific research objectives. Projects and working groups address scientific topics in any of the four ILP themes: global change, contemporary dynamics and deep processes, continental lithosphere, and ocean lithosphere.

3. The target areas for ILP focus are aspects of the crust and deeper parts of the lithosphere and the interaction of crust/mantle (lithosphere) processes with surface processes and neotectonic activities, especially on the continents and their margins (e.g. lithospheric folding) in which both geophysics and geology are involved. The ILP seeks to avoid overlap with current research fields in IUGS Commissions, Task Groups, and Initiatives; IGCP and GARS projects; IUGS Affiliated bodies; IUGG Associations; and other appropriate research groups. If plans for addressing such overlapping fields would develop, ILP should discuss these with both Unions beforehand. The Unions, in turn, are committed to involve ILP in their own programs and projects given an expression of interest to do so from ILP.

4. The ILP supports the active participation of scientists from developing countries. Although active participation of such scientists is not deemed a training activity, it is expected that their involvement will provide training opportunities for students and young scientists.

5. The ILP supports workshops and/or special symposia at regional, national, or international meetings through projects and coordinating committees or in conjunction with IUGS, IUGG, and other scientific bodies.

6. The ILP administers an award (a citation and travel grant), the Edward A. Flinn Award, given to an outstanding young scientist for contributions in the solid earth sciences addressed by the ILP.

7. The ILP maintains a website and issues an Annual Report. Currently, the Annual Report is available as a web-based publication; the last printed Annual Report was published for 2000. The ILP also delivers administrative reports to both IUGS and IUGG annually or as requested.

8. The ILP receives visibility from IUGG and IUGS in newsletters, websites, annual reports, and outreach materials and events. The ILP has access to the IUGS publishing house in the Geological Society of London, and is expected to join and participate in outreach and other events initiated by IUGS and/or IUGG, such as the International Year of Planet Earth. Logos of both Unions must be visible in all ILP publications, their website, and other outreach activities.

II. COMPOSITION OF THE PROGRAM

9. The ILP initiates projects and working groups selected through a competitive proposal process. Small grants may be awarded especially to support meeting and field travel for scientists from developing countries who are involved in the projects. ILP projects are expected to have an average life span of 5 years unless extraordinary success warrants continuation.

10. Working Groups may be created to accomplish specific objectives. The topic or problem around which a Working Group is organized must clearly require an interdisciplinary approach and significant participation by representatives of all branches of Earth science is highly desirable.

- A Working Group shall consist of a limited number of scientists appointed by the Bureau (defined in Part III). Consideration is to be given to the appropriate geographical distribution of the members. The Bureau will provide for an orderly rotation of the membership of the Working Groups.

- The Chair of a Working Group shall be appointed by the Bureau for a term of 5 years and will report the progress on the topic to the Bureau annually or as requested.

III. ADMINISTRATION

11. The ILP is positioned as a Joint Scientific Program of IUGG and IUGS. ILP may have its own National Members, on the condition that this would not negatively affect national membership to IUGS and IUGG.

12. The ILP is administered by a Bureau of seven members. These include the President and the Secretary General, who are named by agreement between IUGG and IUGS; two members appointed by IUGG; two appointed by IUGS; and one member appointed jointly by IUGG and IUGS. At least one Bureau member will normally represent a developing country. The Past President may attend meetings with voice but without vote. In addition, the National Members may elect a representa-

tive invited to attend ILP Bureau meetings with voice but without vote, although they may choose to elect a regular member of the Bureau to represent their interests.

13. The normal term of office for all Bureau members shall be 4 years, denoted as one period. The first period shall commence in calendar year 2006; officers appointed in 2006 must be reappointed or replaced in 2010. Vacancies during any term shall be filled by IUGG, IUGS, or jointly (as appropriate) in consultation with the ILP Bureau.

14. The President shall be appointed for one period and is eligible for re-appointment. The President shall chair the meetings of the Bureau and shall be their representative in external and internal affairs. The ILP President is welcome to attend regular Executive Committee meetings of IUGS and IUGG as an observer.

15. The Secretary General shall be appointed for one period, and may be re-appointed for consecutive periods up to a maximum of 3 periods in office. The Secretary General shall be responsible for all matters concerning the finances and administration of the Bureau; in particular, he/she shall conduct the correspondence, arrange for meetings of the Bureau, prepare agendas and meeting minutes, and issue reports.

16. Regular Bureau members may be reappointed once, but with the provision that no more than 4 of the 7 members may be in their second period of service. The representative of the national members should be elected at the beginning of each period.

17. The Bureau shall normally meet once each year in coordination with IUGG and IUGS. The meeting shall be announced no less than 4 months in advance. At such meetings, the Bureau shall approve the financial accounts submitted by the Secretary General, deliberate and adopt the budget for the forthcoming period of one year, initiate Working Groups and review their progress.

18. The decisions of the Bureau shall be taken during its meetings by a simple majority vote of the members then present. A quorum of 5 members must be present; the Chair has a casting vote.

19. Additional meetings of the Bureau may be convened as deemed necessary by the President or at the request of a majority of the Bureau members.

IV. FINANCES

20. The operational costs of the ILP Bureau shall be provided by the ILP budget. IUGG and IUGS will provide financial support to ILP, based on accepted work programs and their own budget capacity; ILP is committed to raising most of its budget by external fundraising.

V. AMENDMENTS TO THE TERMS OF REFERENCE

21. Amendments to the Terms of Reference may be proposed by the ILP Bureau and will be adopted when ratified by IUGS and IUGG.

3. FIT WITHIN IUGS AND IUGG POLICY

- IUGS and IUGG are represented in the ILP Bureau.
- ILP cooperates with IUGS and IUGG on the International Year of Planet Earth (IYPE); the ILP President is a member of the board of IYPE Corporation. In this context ILP is leading e.g. the IYPE theme Deep Earth, published in a special brochure and, in addition, is financially supporting IYPE.

4. ORGANISATION

ILP has a team of around 15 Bureau members from several countries that meet annually to monitor progress and to approve new programmes and activities together with the team of representatives of National Committees. The team is led by the President, the Secretary General and the leader of the national committees.

The Bureau was restructured during the Bureau meeting in Oslo on 8 August 2008 (see minutes, chapter 7).

Bureau membership

Executive Members:			
President:	S. Cloetingh	Netherlands	
Secretary General:(since mid 2008)	R. Oberhänsli	Germany	
with Executive Secretary:	A. Rudloff	Germany	
Chairperson – Committee of National Representatives:	S. Gregersen	Denmark	
Honorary President	A. Green	Switzerland	
ILP Fellow	J.F.W. Negendank	Germany	
Representatives of IUGG & IUGS:	K Furlong	USA	IUGG
	K. C. Sain	India	IUGG
	J.-P. Cadet	France	IUGS
	Y. Tatsumi	Japan	IUGS
	A. Green	Switzerland	IUGS & IUGG
Associate Members:	J.-P. Burg	Switzerland	
	D. G. Gee	Sweden	
	A. Morozov	Russia	
	F. Roure	France	
	M. Zoback	USA	
	R. Missotten	UNESCO	
Lifetime Members:	P. Ziegler	Switzerland	
	M. von Knorring	Sweden	
	H. Gupta	India	

The Bureau members evaluate submitted projects (task forces, coordinating committees, workshops) and decide the approval according to the criteria of ILP.

A. Green was appointed Honorary President of the ILP in spring 2008 for his merits in the organisation and sustainment of the ILP.

With regret we announce that our life time Bureau member P. Hart deceased on 6. February 2008

EXTENT OF SUPPORT FROM SOURCES OTHER THAN IUGS AND IUGG

ILP is basically financed by IUGS and IUGG (each 15,000 US \$ in 2008) but the Bureau has raised and is raising funds via the national committees and other bodies from the participating countries (e.g. National Science Foundations, Academies; see list of contributing countries 2007 and 2008).

Country/Institution:	Sum paid in 2007:	Sum paid in 2008: (till end of October)
China	2,000.00 US \$ (2007) 2,000.00 US \$ (2008)	
Cyprus	220.00 US \$ (2006) 220.00 US \$ (2007)	220.00 US \$
Czech Republic	400.00 US \$	
Denmark	2,000.00 US \$	2,000.00 US \$
Finland	1,000.00 US \$	
Germany	5,000.00 US \$ (2006) 5,000.00 US \$ (2007)	5,000.00 US \$
India		2,000.00 US \$ (2007) 1,950.00 US \$ (2008)
Netherlands (ISES)		5,000.00 US \$ (2007) 5,000.00 US \$ (2008)
Sweden	3,400.00 US \$	3,400.00 US \$
Switzerland	2,000.00 US \$	2,000.00 US \$
Academy of Sciences in Taipei	700.00 US \$	700.00 US \$
USA	8,000.00 US \$	8,000.00 US \$
Total:	31,940.00 US \$	35,270.00 US \$

4. INTERFACE WITH OTHER INTERNATIONAL PROJECTS

ILP stimulates and supports the Task Forces and Regional Coordinating Committees with 5000 US \$ per year over a period of 5 years. This basic support is used by the project leaders to raise funds for their scientific activities, while there is a strong existing interface with other projects (e.g. ICDP, TOPO-EUROPE).

5. CHIEF ACCOMPLISHMENTS IN 2007/2008

ADMINISTRATION

- **Bureau meeting of ILP, Oslo, Norway, 8 August 2008**

Minutes of the SCL/ILP Bureau Meeting at the 33rd International Geological Congress Oslo, Norway, 8 August 2008 18:00 – 20:00, THON Hotel, Room "Telemark".

Agenda

SCL/ILP Bureau Meeting

33rd International Geological Congress Oslo, Norway, 8 August 2008

- 1 Report of the President
 - (a) Activities of President and Secretary General
(Global Launch Event of IYPE at UNESCO Headquarters in Paris, 12/13 February 2008, poster presentation and distribution of flyer; Talk on TOPO-EUROPE at 17th INQUA Congress in Cairns, Australia 2007)
 - (c) Springer book
→ list of contributors, review process, author meeting
 - (d) 4th International TOPO-EUROPE Workshop in Spain, 5 – 7 October, 2008
 - (e) ILP joint Task Forces meeting in Ensenada (Mexico), 21 – 26 September 2008 (TF II, III, IV, VI, VIII)
 - (f) IGC Oslo 2008: ILP symposia
 - (g) ILP Honorary Presidency for Alan Green at his 60th birthday in Zürich
Laudatio by the President
- 2 Report of the Secretary General
 - (b) Resignation of the Secretary General in the second half of 2008
→ new Secretary General: Prof. Dr. Roland Oberhänsli, University of Potsdam
 - (c) Financial report
- Budget 2007, 2008 (30 June)
- Handling of status of ILP
- 3 Planned activities
 - (a) TOPO-EUROPE, Tschira Foundation, Heidelberg 15 - 17 October 2009
 - (b) 2009: TOPO-CENTRAL-ASIA and TOPO-EUROPE meeting in Bishkek, Kyrgyzstan (Central Asian Institute for Applied Geosciences, GFZ-initiative)
 - (c) End 2008 "Episodes" publication
 - (d) Annual report 2008 (future layout of the reports of the Task Forces and Regional Committees)
- 4 New name of ILP-Award: Edward A. Flinn-Pembroke J. Hart Award
proposal for a new candidate
- 5 All other business

Welcome to the delegates by the ILP President Sierd Cloetingh; acceptance of the agenda

Report of the President (presentation)

- S. Cloetingh reports about activities at the Global Launch Event of IYPE at UNESCO Headquarters in Paris, 12/13 February 2008. The ILP poster was presented and the ILP flyer was distributed; The Secretary General Joerg Negendank gave a talk on TOPO-EUROPE at 17th INQUA Congress in Cairns, Australia in 2007.

- Cloetingh reminds the bureau that ILP as founding partner of the International Year of Planet Earth (IYPE) is coordinating the theme Deep Earth of IYPE
- Cloetingh informs about the planned ILP publication in the Springer book series "New Frontiers in Integrated Solid Earth Sciences". He gives an update on the list of contributors and the review process. An special author's meeting is scheduled for 9 August 2008, at 18:00, Room "Nordland".
- The 4th International TOPO-EUROPE Workshop will be held in Spain, Euroforum Infantes. El Escorial (Madrid). 5–7 October, 2008.
- The President informs about the ILP joint Task Forces meeting in Ensenada (Mexico), 21–26 September 2008 (TF II, III, IV, VI, VIII). This meeting is organised by Luis Delgado and Francois Roure (TF VI), (<http://www.ugm.org.mx/ilpmeeting/>).
- Cloetingh gives an overview on the programme of the two ILP symposia at the IGC Oslo 2008. There are a number of various sessions with ILP related topics.
- He reports that Alan Green was awarded with the "ILP Honorary Presidency" on the occasion of this his 60th birthday in Zurich. The laudatio was held by the President.

Report of the Secretary General

- The actual Secretary General Joerg W.F. Negendank will resign after the Bureau meeting, as it was announced and agreed at the last Bureau meeting in Perugia, 2007.
- S. Cloetingh gives an intensive tribute to Jörg F.W. Negendank, and acknowledges his merits of the past years. Finally he honours the SC with the first ILP fellowship.
- As new Secretary General, Prof. Dr. Roland Oberhänsli from University of Potsdam/ Germany introduces himself.
- By this occasion, the Executive Secretary Dr. Alexander Rudloff, who was elected in 2007 takes the opportunity to do the same. He heads the ILP offices at GFZ Potsdam.
- The SC presents the financial report of ILP. The Bureau members receive hard copies.
- The budget for 2007 is presented and discussed, as well as the budget of 2008, until 30 June 2008.
- The SC reports on the current legal status of ILP. He supports a pragmatic way and recommends not to change the handling.
- A discussion follows on the budget and the ILP deposit. General remarks are made about the future perspectives, especially a reactivation of the ICSU membership.
- The activity of the former Bureau as well as the financial report were approved.
- A further discussion takes part on the legacy, visibility and acceptance of ILP. Where some attendees state to "bring back lost glory", the President replies that ILP is a long term project, which contains ideas for decades.

Planned activities

- A TOPO-EUROPE meeting is planned, sponsored by the Tschira Foundation in Heidelberg at 15 - 17 October 2009
- A joint TOPO-CENTRAL-ASIA and TOPO-EUROPE meeting is planned in Bishkek, Kyrgyzstan, together with the CAIAG-Institute (Central Asian Institute for Applied Geosciences, a GFZ-initiative). Funding might be supported by German Ministries and/or Volkswagen Foundation.

- Same deadline is valid for the ILP annual report 2008. The future layout of the reports of the Task Forces and Regional Committees will be submitted through the ILP office.
- Additional and informative reports are given by the ILP task force leaders Larissa Dobrzhinetskaya (TF IV) and Francois Roure (TF VI).

New name of ILP-Award: Edward A. Flinn-Pembroke J. Hart Award

- The President gives a short wrap-up on the latest developments regarding the contact with Pembroke Hart. Since P. Hart died at early 2008, the ILP Bureau members decided to rename the ILP award into “Edward A. Flinn-Pembroke J. Hart Award”.
- The President presents a proposal for a new candidate for 2008: Dr. Jolante W. van Wijk, proposed by E. Burov. She is currently working at Los Alamos National Lab in New Mexico. It is decided to present her the award at the EGU Spring meeting in Vienna 2009.

All other business

- The next business meeting of ILP is planned to be held in Summer 2009.



Report of the president



Resigning secretary general is honoured as first ILP fellow



ILP Business Meeting 2008 – List of participants

33rd International Geological Congress, Oslo
Room "Telemark"
Friday 8 August 2007, 6:00 – 8:00 p.m.

No.	Surname, Name	Organisation	ILP Task Force	Signature
1	Jerd Cloetingh	ISES-VU		
2	Wolfgang NIESENHÄUSER	VLP		
3	Alexander Rudloff	ILP/GFZ		
4	François ROURE	IFP	Task Force 6	
5	SATY KALACH AND	NGRS India	1064	
6	SATO, Hiroshi	ERI, Univ Tokyo, JAPAN		
7	Zarissa Dobryzhnitskaya	University California U.S.A		
8	Markus Poutanen	FLI	DynaQline	
9	Ringshen Wang	IGG CAS	CE-1/4	
10	ILMO KUKKONEN	Geol. Survey of Finland	Int'l. ILP Comm.	
11	JØREN GREGERSEN	GEUS	ILP natl. comm.	
12	Dan Torven	ENTRIS	2	
13	MIRYIY Alexiev	GINRAS	ERAS	
14	ALIK ISMAIL-ZADEH	IUGG		
15	Poland Oberhänsli	Univ. Padova	ILP	

until 18/05

Alexander Rudloff, Executive Secretary of ILP

SCIENCE AND RESEARCH

- **ILP Joint Task Forces Meeting 22. -26. September 2008 in Ensenada**

From 22.- 26. September 2008 ILP organized the first Joint Task Forces Meeting in Ensenada, Baja California, Mexico that has been a great success. The meeting offered an excursion to the Gulf of California Rift System, the Laguna Salada-San Felipe, Baja California.

The echo of the 70 participants about this meeting was positive. The envisaged inter Task Force communication took a step forward and encourages for further joint meetings. Program can be seen on ILP homepage.



Participants of the ILP Joint Task Forces Meeting in Ensenada during excursion

During the meeting it was decided to publish the results as a special volume of *Marine and Petroleum Geology*. Proceedings of the meeting not related to basin evolution will also be published in a journal. Decision however is still pending.

- **ILP Task Force Meeting “World Stress Map” 15. – 17. October 2008 in Potsdam**

The 3rd International World Stress Map Conference that took place from October 15th–17th, 2008 in Potsdam jointly organized by the Heidelberg Academy of Sciences and Humanities and the GFZ Potsdam and sponsored by the ILP Task Force VII and IUGG. The World Stress Map conference was entitled *Frontiers of Stress Research: Observation, Integration and Application*. It attracted about 140 scientists from over 30 countries. The invited key note speakers covered a wide range of stress and strain observations on various time scales and spatial scales and presented new approaches of integrated research which brings together observations from a wide range of geodisciplines.

- **4th International TOPO-EUROPE Workshop 5. – 7. October 2008 at El Escorial (Madrid)**

The aim of the workshop was to provide an open forum for science on the feed-backs between deep Earth and surface processes. A number of projects, funded in the context of the ESF Eurocores TOPO-EUROPE, started in 2008. In the meantime a lot of national programs and preparations for TOPO-EUROPE research in broadest sense are underway. The TOPO-EUROPE workshop in Madrid enabled to promote cross fertilisation and coordination of projects and ideas, as well as serving as a platform for planning the next steps in the long-term TOPO-EUROPE research agenda. The ESF TOPO-EUROPE EUROCORES has generated 13.5 million Euro of third party funding, creating new research opportunities for 60 young researchers.

- **Projects**

Within the flyer of ILP most of the active Task Forces and Coordinating Committees are documented (see: <http://www.scl-ilp.org> downloads).

The former Secretary General compiled an Activity poster of ILP that was presented at several international meetings and at IGC in Oslo (see: <http://www.scl-ilp.org> downloads).

List of active projects*

I. Projects, Task Forces

Theme I: Geoscience of global change

I-4/Task Force II: New tectonic causes of volcano failure and possible premonitory signals
Chairperson: A. Tibaldi (Italy)

Theme II: Contemporary dynamics and deep processes

II-1/Task Force VII: Temporal and Spatial Change of Stress and Strain
Chairperson: O. Heidbach (Germany)

II-5/Task Force V: Global and regional parameters of paleoseismology; implications for fault scaling and future earthquake hazard
Chairperson: P. M. De Martini (Italy)

II-6/Task Force VIII: Baby plumes in Central Europe
Chairperson: U. Achauer (France)

II-10/Task Force IV: Ultra-Deep Continental Crust Subduction (UDCCS)
Chairperson: Larissa Dobrzhinetskaya (USA)

Theme III: Continental lithosphere

III-2/Task Force VI: Sedimentary Basins
Chairperson: F. Roure (France)

III-9/Task Force I: Earth Accretionary Systems (in space and time) (ERAS)

* Scientific rationales and objectives as well as societal relevance are published in the ILP-brochure and are available at the homepage: <http://www.scl-ilp.org/>

Chairperson: P. Cawood (Australia)

III-10/Task Force III: Lithosphere-Asthenosphere Interactions
Chairperson: A. Tommasi (France)

II. Coordinating Committees

- CC-1/1: Himalayas
Chairperson: Q. Jan (Pakistan)
- CC-1/2: Andes,
Chairperson: V. A. Ramos (Argentina)
- CC-1/3: TOPO-EUROPE
Chairperson: S. Cloetingh (The Netherlands)
- CC-1/4: TOPO-CENTRAL-ASIA
Chairperson: Qingchen Wang (China)
- CC-1/5: DynaQlim
Chairperson: Markku Poutanen (Finland)
- CC-4: Continental Drilling
Chairperson: M. Zoback (USA)

The activities of the projects (Task Forces and Regional Coordinating Committees) are also documented in the **bibliography** (see homepage and annex).

• **Thematic IYPE Volume on Frontiers of Integrated Solid Earth Science:**

Editors S. Cloetingh and J.W.F. Negendank.

According to our decisions in June 2007 we collected in the meantime the following provisional titles of contributions to this volume:

- Alessandro Tibaldi, Federico Pasquarè, Daniel Tormey: *"Volcanism in reverse and strike-slip fault settings"*
- Larissa F. Dobrzhinetskaya & Richard Wirth: *"Ultradeep mantle rocks in the light of advanced scientific technologies"*
- Marco Bohnhoff, Georg Dresen, William L. Ellsworth, Hisao Ito: *"Passive Seismic Monitoring of natural and induced earthquakes: Case studies and socio-economic relevance"*
- J. L. Rubinstein D. R. Shelly, and W. L. Ellsworth: *"Non-Volcanic Tremor and Slow Slip"*
- Lidunka Vočadlo: *"Geomaterials Research - ab initio simulation of the Earth's inner core"*
- Evgenii Burov: *"Thermo-mechanical models for coupled lithosphere-surface processes"*
- W. D. Mooney, S. M. White: *"Recent Developments in Earthquake Hazards Studies"*
- Markku Poutanen, Doris Dransch, Søren Gregersen, Søren Haubrock, Erik R. Ivins, Volker Klemann, Elena Kozlovskaya, Ilmo Kukkonen, Björn Lund, Juha-Pekka Lunkka, Glenn Milne, Jürgen Müller, Christophe Pascal, Bjørn R. Petersen, Hans-Georg Scherneck, Holger Steffen, Bert Vermeersen, Detlef Wolf: *"DynaQlim – Upper Mantle Dynamics and Quaternary Climate in Cratonic Areas"*
- Magdala Tesauro, Mikhail k Kaban, Sierd Cloetingh: *"A new thermal and rheological model of the European lithosphere"*

- Magdala Tesauro, Mikhail k Kaban, Sierd Cloetingh: “A new 3D crustal model of Western and Central Europe as a basis for modelling mantle structure”
- François Roure, Sierd Cloetingh, Magdalena Scheck-Wenderoth, and Peter A. Ziegler: “Present achievements and further challenges in understanding sedimentary basins dynamics”

This volume is to be published winter 2008/09

6. SUMMARY OF EXPENDITURES IN 2008

The negotiations to respect ILP as a non-profit organization are carried on. Till today it could not be resolved due to open state regulations (State of Brandenburg or EU regulations).

(till end October 2008)

Expenditure in 2008:

• Scientific activities/symposium support:	54,860.18 EUR
	12,000.00 US \$
• Travel costs of Officers:	7,125.93 EUR
	1,345.00 US \$
• Expenses related to ILP secretariat: (secretary/student assistant, postage)	2,420.00 EUR
• Charges tax consultant:	416.09 EUR
• Bank charges:	253.80 US \$
	409.03 EUR
Total:	65,231.23 EUR
	13,598.80 US \$

Income in 2008/Excess of former years:

• Annual contributions of various countries, IUGG and IUGS subvention ⁺ :	2,220.00 US \$
	41,562.68 EUR
• IYPE support for Springer book:	2,861.87 EUR
• Rest Dollar account from 2007:	11,423.39 US \$
• Rest Euro account from 2007:	1,344.21 EUR
Total:	45,768.76 EUR
	13,643.39 US \$

Balance Income/Expenditures:	- 19,462.47 EUR
	44.59 US \$
+ Transfer Deposit to Euro Account:	+ 8,535.46 EUR
+ Transfer Deposit to Euro Account:	+ 10,242.32 EUR
+ Transfer Deposit to Euro Account:	+ 37,674.08 EUR
- Dollar/Euro-transactions and transfer to deposit:	- 24,637.31 EUR
+ Transfer Deposit to Euro Account:	+ 26,073.38 EUR
+ Transfer Deposit to Euro Account:	+ 71,045.56 EUR

⁺ Details see Chapter ...

IUGG: 10,181.92 EUR (15,000 US \$), IUGS: 9,693.68 EUR (15,000 US \$)

- Transfer Euro Account to Deposit: - 100,000.00 EUR

Euro account balance: 9,471.02 EUR
Dollar account balance: 44.59 US \$
Deposit: 100,000.00 EUR

7. WORKPLAN FOR 2009

- Publications in *EOS*, *Episodes* and in *Earth Science Reviews* in preparation
- Advertising for new support by national science foundations and industry
- EGU-meeting Vienna, 13 – 18 April 2009
- The joint meeting of TOPO-EUROPE & TOPO-CENTRAL-ASIA (Regional Committees) in Bishkek, Kyrghyzstan (Central Asian Institute for Applied Geosciences), originally planned for May/June 2008, will be shifted into 2009
- ILP Bureau meeting and ILP-session at EGU in Vienna
- 5th workshop of the Task Force 6 in Abu Dhabi (the United Arab Emirates) on December 5-9, 2009, hosted by the Ministry of Energy
- Fifth TOPO-EUROPE meeting, Heidelberg 15-17 October 2009, hosted by the Klaus Tschira foundation.

8. ANTICIPATED WORK PLAN FOR THE NEXT 5 YEARS

It is the intention of the President to stimulate further projects relating to the TOPO-EUROPE philosophy on all other continents.

Since 2009 the running task Forces end their 5 years period, proposals for new Task Forces shall be encouraged.

Further on the organization of international conferences with ILP-activities will be in the focus in the coming years as it has been done at AGU, EGU; IUGG, IUGS, IGC etc. in the previous years.

Additionally, it is envisaged to plan a comprehensive international meeting in 2009 reporting about the results of the today running activities.

Expenditures: List of projects, task forces etc. for 2008 and the following years (Themes I – IV, coordinating committees) [in US \$]

Projects	2008	2009	2010	2011	2012
I-4 (TF II)	5000	5000	–	–	–
II-1 (TF VII)	5000	5000	–	–	–
II-5 (TF V)	5000	5000	–	–	–
II-6 (TF VIII)	5000	5000	–	–	–
II-10 (TF IV)	5000	5000	–	–	–
III-2 (TF VI)	5000	5000	–	–	–
III-9 (TF I)	5000	5000	–	–	–
III-10 (TF III)	5000	5000	–	–	–
CC-1/3	5000	5000	–	–	–
CC-1/4	5000	5000	5000	5000	–

CC-1/5	5000	5000	5000	5000	–
Workshops	12,500				
Flinn - Hart Award	5000	5000	5000	5000	–
International Year of Planet Earth	5000	5000	–	–	–
Total:	77,500	65,000	15,000	15,000	–

Potsdam 13. November 2008

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