

## **Report of the Secretary General**

**XXIVrd IUGG General Assembly, Perugia, Italy July 2-10, 2007.**

**by C.C.Tscherning**

The Secretary General of the International Association of Geodesy is pleased to submit to the XXIVth General Assembly his report on the activities of the Association for the period between the XXIIIth and the XXIVth General assemblies.

### ***1. Administrative activities of the Association.***

#### **1.1 Central Bureau activities.**

Since the adoption of the new statutes and by-laws at the Sapporo General Assembly, IAG has both National Members and individual (personal) members. A main function of the Central Bureau is now related to the contact with these personal members. The Central Bureau maintains and updates a database of addresses of individual members and it keeps track of their membership fees. It maintains the accounts related to the IUGG allocation.

The function of the Central Bureau has changed due to the establishment of a Communication and Outreach Branch which since November 2003 publishes a monthly Newsletter, maintains the IAG home-page (<http://www.iag-aig.org>) and promotes IAG and geodesy as such.

The Geodesists Handbook, 2004, edited by Dr. O.B. Andersen was published. (Journal of Geodesy, Vol. 77, no. 10-11, April 2004).

#### **1.2. The Executive Committee (EC).**

The EC met 2004 in Nice, in 2005 in Cairns, Australia, in connection with the IAG Scientific Assembly, 2006 and 2007 in Vienna, Austria, in connection with the EGU General Assembly.

#### **1.3. IUGG/IAG General Assembly, July 2003, Sapporo, Japan.**

The IAG General Assembly 2003 in Sapporo was considered to be too long, which is why IAG reduced its own program to only 4+4 weekdays. This program covered presentations of reports and scientific papers for the five IAG Sections in the seven first days; the last day was devoted to a symposium on IGGOS. The section symposia were reviewed and have been published in the IAG Symposium Series by the Springer Verlag. All the national reports had been published before the General Assembly in the "Travaux de l'Association Internationale de Géodésie", on a CD-ROM.

The national reports were distributed at the IAG general assembly. Many of them were available in electronic form. They are now available through links on the IAG homepage.

#### **1.4 Individual membership.**

With the new statutes and by-laws individual membership has been introduced. The individual members receive a newsletter and they have various other benefits. The membership fee is USD 50, with a discount of 1 year, if the membership fee is paid for 3 (4) years. Institutions may pay the institutional membership fee for a number of coworkers. Students and retired colleagues do not have to pay the membership fee, provided that they were able to receive the IAG newsletter by e-mail. By the end of the year 2006 260 scientists had signed up as IAG members, of which about 150 paid the regular membership fee.

#### 1.5. Communication and Outreach.

Based on two responses to a call for participation the EC decided to establish the new COB under the leadership of Prof. Joseph Adam at the Budapest University of Technology and Economics. The COB has established a modern web-page: <http://www.iag-aig.org> and prepares material for the promotion of IAG activities. Part of the information is password-protected and only available to the individual members.

#### 1.6. Scientific Meetings.

The list of meetings sponsored or organized by IAG is given in Appendix A.

### **2. Finance.**

The financial report for the period 1003-2007 is presented in Appendix B. The following comments may be added:

#### 2.1 Receipts.

The receipts were stable from the subvention point of view. The contribution from the membership fee is important, as is the income from the “head charge” per participant (at both the Sapporo and Cairns meetings). It has been possible to spend more on travel grants than budgeted due to savings on the administration.

#### 2.2. Expenditures.

The expenditures were close to what was predicted with minor differences. A significant increase of travel support for scientists (primarily young and from a developing country) was possible due to the income from the membership fee and the head charge.

#### 2.3. Budget 2007-2010.

The budget for the following period was approved by the Council July 9, 2007 and is found in Appendix C.

### **3. Educational Activities.**

A number of workshops and schools have been organized:

IAG-IASPEI Joint Capacity Building Workshop, 17-23 January 2005, Miramare-Trieste, Italy.

The "School on the determination and use of the geoid", was conducted first in Budapest, Hungary in February 2005 and then in June 2006 in Copenhagen, Denmark.

A Geoid School for our colleagues of French tongue took place 27 June -July 1 in France.

"Summer School on Microgravimetric methods: static and dynamic aspects" , 23-28 October 2005 in Lanzarote, Canary Islands, Spain.

#### 4. Conclusion and outlook.

This report is the third and last prepared by the current Secretary General, now having functioned in three periods as Secretary General of IAG.

The IAG is in a healthy state with respect to its economy and organization. The establishment of the Communication and Outreach Branch has been successful and the number of individual members has reached a satisfactory number. However more funds will needed in order to support e.g. the GGOS activities and travel grants for young scientists.

Sincere thanks to the Presidents and EC members I have worked with and to all active in IAG. Also thanks to the Central Bureau secretaries, Mrs. Henriette Hansen, Mrs. Christina Schneider Petersen and Mr. Emil Enemærke as well as to the Niels Bohr Institute, University of Copenhagen.

### **Appendix A.**

#### ***IAG organized or sponsored Meetings:***

10 Years IGS Workshop and Symposium, March 1-5, 2004, Berne, Switzerland.

Second International GOCE User Workshop, "GOCE, The Geoid and Oceanography", ESA-ESRIN, Frascati (Rome), Italy, 8-9-10 March 2004. (IAG Sponsored).

14<sup>th</sup> (2004) EUREF Symposium of the IAG Sub-commission for Europe, 2-5 June 2004, Bratislava, Slovakia and the 15th EUREF Symposium, 1-4 June 2005 in Vienna, Austria. The EUREF 16 Symposium, June 14-17, 2006. Riga, Latvia.

1<sup>st</sup> FIG International Symposium on Engineering Surveys for Construction Works and Structural Engineering, Nottingham 28 June - 1 July, 2004. (IAG Sponsored).

15th International Symposium on Earth Tides, 2-6 August 2004, Ottawa, Canada.

Gravity, Geoid and Space Missions – GGSM2004, 30 August –3 September 2004,

Porto, Portugal

XII General Assembly of the WEGENER project, 21-23 September 2004, Tangier, Morocco and XIII Assembly, 4-7 September, 2006, Nice, France.

Int. Workshop on "Deformation and Gravity Change: Indicators of isostasy, tectonics, volcanism and climate change", Lanzarote, Canary Islands, Spain. 2004.

International Symposium on Geodetic Deformation Monitoring, From geophysical to engineering roles, 17-19 March 2005 in Jaen, Spain.

IAG/IAPSO Scientific Assembly "Dynamic Planet 2005", 22-26 August 2005 in Cairns, Australia.

7<sup>th</sup> Conference on optical 3-D measurements took place 3-5 October 2005 in Vienna, Austria.

3<sup>rd</sup> IAG Symposium for geodetical and Structural Engineering and 12<sup>th</sup> FIG Symposium on Deformation Measurements, May 22-14, 2006, Baden, Austria.

VI Hotine-Marussi Symposium of Theoretical and Computational geodesy: Challenge and role of modern geodesy. 29 May - 2 June 2006, Wuhan, PR China.

Int. Workshop "Height systems, geoid and gravity of the Asia-Pacific", June 6-8, 2006, Ulaanbaatar, Mongolia.

Understanding Sea-level rise and variability WCRP Workshop, 6-9 June 2006, Paris, France (IAG Sponsored).

AFREF Technical Workshop, 9-13 July 2006, Cape Town, South Africa.

International Workshop on quality improvement and coastal-land applications of satellite altimetry, July 21-22, 2006, Beijing, PR China.

"Gravity Field of the Earth" - 1st Int. Symposium of the IGFS, 28 Aug.-1 Sep. 2006, Istanbul, Turkey.

Symposium "Geodetic reference Frames", GRF2006, 9-13 October 2006, Munich, Germany.

## **Appendix B:**

**International Association of Geodesy**  
**Financial Report for the period: 1.1.2003-31.12.2006**

|  |                 |                                      |                   |
|--|-----------------|--------------------------------------|-------------------|
| 11.8 Administration, Meetings (EC, Bureau) | 5.418,28        | 6.2 Interest                         | 80,81             |
| 11.9 Administration, Representation        | 1.069,90        | 6.3 Others                           | 57.424,61         |
| <b>11 Administration:</b>                  | <b>2.731,12</b> | 15 IUGG Allocation                   | 132.761,07        |
| 13 Assemblies                              | 33.996,29       | 6.7 Payments for EGG-97 CD           | 2.310,20          |
| 18.2 Bank charges                          | 1.671,53        | <b>7 Total receipts</b>              | <b>192.576,69</b> |
| 16.2 Best Paper Award                      | 3.064,32        | 12.1 Proceeding Assemblies           | 4296,45           |
| 16.1 Bomford prize                         | 2.000,00        | 14.1 Refund of grants not spend 2005 | 15179,09          |
| 11.4 Communication                         | 6784,15         | 5 Sale of Publications               | 0,00              |

| <b>Results for the period of 1.1 2003-31.12.2006</b> |                   |                                       |                 |
|--|-------------------|---------------------------------------|-----------------|
| <b>Expenditures</b>                                  |                   | <b>Receipts</b>                       |                 |
| 18.5 Expenses IAG Fund                               | -                 |                                       |                 |
| 18.4 Geoid School                                    | 3.473,85          |                                       |                 |
| 16 Grants (Permanent Services, etc.)                 |                   | 6.14 Geoid School                     | <b>3.501,52</b> |
| 18.3 Loss on exchange                                | 340,99            |                                       |                 |
| 11.6 Micellaneous                                    | 11.868,89         | 6.1 Gains on exchange                 | 8.388,58        |
| 18.6 PBS Internatinal (fee)                          | <u>2.878,51</u>   |                                       |                 |
| 12 Publications                                      | 24.544,46         | 6.6 Rio fees and Rio Proceedings      | 178,11          |
| 11.2 Quaters   | 3.003,00          | 3 Other Grants                        | 4.977,33        |
| 14 Symposia & Scientific meetings:                   |                   | 6.8 Sale of IGeS Lecture Notes and CD | 185,10          |
| 14.1 Symposia & Scientific meetings: organi          | 80.545,14         | 6.9 Michellaneous, Membership Fee     | 24.597,40       |
| 14.2 Symposia &Scientific meetings: travel           | 11.083,08         | 6.12 Receipt of IAG Fund              | <u>6.886,00</u> |
| <b>Total</b>   | <b>91.628,22</b>  | <b>Total</b>                          | <b>1.502,58</b> |
| 19 Total Expenditures                                | <b>279.613,55</b> |                                       |                 |
| 11.5 Travel  | 8.514,42          | 6 Miscellaneous receipts:             |                 |
|  |                   | Surplus                               | -8.329,32       |

| <b>Balance 2006</b> |                  |                    |                  |
|---------------------|------------------|--------------------|------------------|
| <b>Assets</b>       |                  | <b>Liabilities</b> |                  |
| 20 Bank 31.12.2006  | 88.138,93        | Net Capital        | 83.161,60        |
|                     |                  | Deposit IGS        | 4.977,33         |
| <b>22 Total</b>     | <b>88.138,93</b> | <b>10 Total</b>    | <b>88.138,93</b> |

| <b>Net Capital 2006</b> |                  |                    |                  |
|-------------------------|------------------|--------------------|------------------|
|                         |                  | Open 1.1.2003      | 30.360,59        |
| Balance 31.12.2002      | 30.360,59        | Surplus 31.12.2006 | 0,00             |
|                         | <b>30.360,59</b> |                    | <b>30.360,59</b> |

## Appendix C:

### International Association of Geodesy Budget for the period: 1.1.2007-31.12.2010

| <b>Budget for the period</b> |  | 1.1.2007-31.12.2010 |                               |
|------------------------------|--|---------------------|-------------------------------|
| <b>Expenditures</b>          |  | <b>Receipts</b>     |                               |
| 11                           | <b>Administration:</b> 40000                       | 15                  | IUGG Allocation 100000        |
| 12                           | Publications 39000                                 | 3                   | Other Grants 5000             |
| 13                           | Organization 30000                                 | 5                   | Sale of Publications 25000    |
| 14                           | Symposia & Scientific meetings (Grants, etc. 80000 | 6                   | Miscellaneous receipts: 14000 |
| 16                           | Grants (Prizes, Permanent services ect.) 8000      | 6.11                | Membership fees 25000         |
| 18                           | Miscellaneous (inc. IGS 4977) 10000                | 6.12                | Receipt of IAG Fund 4000      |
| 19                           | <b>Total Expenditures 207000</b>                   | 7                   | <b>Total receipts 173000</b>  |
|                              |  |                     | Deficit 34000                 |
| <b>Total</b>                 | <b>207000</b>                                      | <b>Total</b>        | <b>207000</b>                 |

| <b>Balance 2010</b> |                       |                    |                    |
|---------------------|-----------------------|--------------------|--------------------|
| <b>Assets</b>       |                       | <b>Liabilities</b> |                    |
| 20                  | Bank 2010.12.31 54000 |                    | Net Capital 54000  |
| 22                  | <b>Total 54000</b>    |                    | <b>Total 54000</b> |

| <b>Net Capital 2010</b> |                          |  |                          |
|-------------------------|--------------------------|--|--------------------------|
|                         |                          |  | Open 1.1.2006 88000      |
|                         | Balance 31.12.2010 54000 |  | Deficit 31.13.2010 34000 |
|                         | <b>54000</b>             |  | <b>54000</b>             |

All amounts in USD