Organisational Aspects Supporting the Work of Coordinating Committee of SGA

Saulius Urbanas, EuroGeographics

8th Coordinating Committee of Struve Geodetic Arc
St. Petersburg, 13th September 2018
International Management Mechanism

• Rules of procedures, adopted in Oshmyany at 2012

• Activities of Coordinating Committee toward SGA:
  • Maintain preservation
  • Follow the status of conservation
  • Provide recommendations for improving practices
  • Promote…

• Composition of Coordinating Committee:
  • Each State party nominates its primary representative – 10 NMCAs
  • Meeting frequency – 2 years
  • Decisions are reflected in Resolutions. Decisions are taken unanimously, adopted by majority of members
  • CC elects Chair for two years period. Chair represents CC, organizes the meeting
  • CC can meet on demand or take decisions by electronical means
EuroGeographics contribution to SGA

- Resource of Secretary General
- Basecamp of SGA
- SGA pages at EuroGeographics website

Purpose — to determine the Earth’s shape and size

The Struve Geodetic Arc is one of the most ambitious attempts in human history of measuring and determining the Earth’s shape and size. In written sources, such attempts are mentioned for the first time in the work of the famous Greek philosopher Aristotle (427 B.C. – 322 B.C.). The radius of the earth was first determined by the Greek mathematician Eratosthenes in the 3rd. BCE. He observed the angle between the Sun’s rays in Alexandria and Siena (in ancient Egypt), between the equator and the latitude of the city. He calculated the distance between the cities and concluded that the Earth was a sphere. Although this is an oversimplification, it illustrates the method of triangulation.

In order to determine the radius of the Earth, there are several geodesic measurements that can be performed. The most prominent ones are triangulation, the method of the precise measurement of the Earth’s surface, and the calculation of the length of the meridian arc. The latter is based on the principle of triangulation, where the distance between the points on the Earth’s surface is measured accurately.

Struve Geodetic Arc

For Coordinating Committee members or experts

39 Discussions 46 Files 6 Events Add the first: To do list Text document

Struve Coordinating Committee

<table>
<thead>
<tr>
<th>Country</th>
<th>National Mapping and Geodetic Agency</th>
<th>National chairman of the Coordinating Committee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Belarus</td>
<td>State Land Property Committee or the State Committee for Cartography and Cadastre</td>
<td>Yury Zhykovich (Chairman)</td>
</tr>
<tr>
<td>Estonia</td>
<td>Estonian Environmental Protection Board</td>
<td>A. Säätsalu</td>
</tr>
<tr>
<td>Finland</td>
<td>National Land Survey of Finland</td>
<td>Kari Kallio</td>
</tr>
<tr>
<td>Norway</td>
<td>National Land Survey of Norway</td>
<td>Odd Johan Rasmussen</td>
</tr>
</tbody>
</table>

Struve Events

- 8th Coordinating Committee meeting
- Post events
- Conference ‘Struve Arc – The Past and the Future’
- 8th Coordinating Committee meeting
- Regional conference on establishment of the Struve Geodetic Arc in regional level
- 6th Coordinating Committee meeting
- 6th Coordinating Committee meeting

Documents and Presentations, Resolutions
Work with UNESCO bodies

• Collaboration with National UNESCO Commissions
  • National / international events
  • Bilateral support:
    • CC for technical matters
    • UNESCO Commissions for reaching a wider audience, communication to WHC and public
    • Recommendations and resolutions of WH meetings
    • Channel to UNESCO experts / events

• Responsibilities
  • Maintenance of Outstanding Universal Value (OUV)
  • 7 years periodic reporting
    • Latest report at 2014, arranged by SG and submitted by the Ministry of Agriculture of Lithuania
    • Upcoming report - 2021
# Documentation in the SGA pages at WHC website

## Struve Geodetic Arc

<table>
<thead>
<tr>
<th>Description</th>
<th>Maps</th>
<th>Documents</th>
<th>Gallery</th>
<th>Indicators</th>
<th>Assistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nomination 1187 (inscribed)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2005</td>
<td>Nomination file 1187 (21 MB)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Advisory Bodies Evaluations</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2005</td>
<td>Advisory Body Evaluation (ICOMOS)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Maps</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2005</td>
<td>Struve Geodetic Arc - map of inscribed property</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Decisions</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2014</td>
<td>38COM 8E - Adoption of Retrospective Statements of Outstanding Universal Value</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2005</td>
<td>28COM 8B.35 - Nominations of Cultural Properties to the World Heritage List (the Struve Geodetic Arc)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Periodic Reporting</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2014</td>
<td>Periodic Reporting Cycle 2, Section II</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
(In)Compliancy between SGA websites and the SGA pages at WHC website

Struve Events

Coming events
8th Coordinating Committee meeting
Saint-Petersburg, Russia, 12-16 September 2018

Past events
Conference, Struve Arc - The Past and the Future
Omsk, Balair, 21 June 2018
7th Coordinating Committee meeting
Tartu, Estonia, 2-4 September 2016
Regional workshop on maintenance of Struve Geodetic Arc points in regional level
Jekabpils, Latvia, 17-18 September 2016
6th Coordinating Committee meeting
Vilnius, Lithuania, 9-6 October 2014
8th Coordinating Committee meeting
Omsk, Balair, 3-5 July 2012
4th Coordinating Committee meeting
Vilnius, Lithuania, 18-17 September 2010

Resolutions

News
(2)
- Published: Our Common Heritage, the Finnish National World Heritage Strategy 2015 – 2025 Tuesday, 3 November 2015
- Montre, Macao and Biblical vestiges in Israel are among the 17 cultural sites inscribed on UNESCO’s World Heritage List Friday, 15 July 2005

Events
(3)
- Final Periodic Reporting Meeting in Europe 01-Dec-2014-02-Dec-2014
- [In French only] Lituanie dans un collège. Exposition thématique 30-Sep-2013-04-Oct-2013
- 30th Ordinary Session of the World Heritage Committee 08-Jul-2005-16-Jul-2006

Links
- Struve Geodetic Arc
- Portal to the Heritage of Astronomy
Actions and channels to public

- Please pass any news about SGA developments (events, books, collectables, projects, etc) to:
  - Secretary General
  - Chair
  - Basecamp
- Share best practice in national achievements / debates
- Communicate in advance on the shared activities – workshops, studies, documentation (Management Plan…)
- Two main channels for Coordinating Committee:
  - SGA pages at EuroGeographics website
  - struwearc.wikidot.com
  - We shall find a suitable tool for sharing photos (!)
- EuroGeographics offers a possibility to organize online events – web-meetings, webinars. Any ideas?
Goodwill in collaborative efforts

• All CC events are open to national and international experts, representatives of governmental and non-governmental organisations and individuals
• We’re here because we like to be here 😊
• … and a future is in some extend a bit forgotten past…