



Latvian Geospatial  
Information Agency

# Status of web page [Struvearc.wikidot.com](http://Struvearc.wikidot.com)

Coordinating Committee Meeting of the Struve Geodetic Arc - Sankt-Peterburg, Russian Federation 13 of September year 2018

Head of Geodetic Division Ivars Liepins  
Senior experts Madara Znotina and Janis Sakne



Latvian Geospatial  
Information Agency

*Why this presentation at Struve  
Geodetic Arc coordinating committee  
meeting!?*



Latvian Geospatial  
Information Agency

## **Resolution No. 8**

The Delegates of SGA

*agreed* each State Party to provide information updating the Struve Geodetic Arc pages in the EuroGeographics web site and in the wikidot website.

also **agreed** to make all presentations of the CC meetings available (in pdf format) in the public web pages of Struve Geodetic Arc.

*appreciate* the coordination by Saulius Urbanas maintaining the SGA pages in the EuroGeographics website and Ivars Liepins monitoring the update of SGA pages in the wikidot website.

---



Latvian Geospatial  
Information Agency

# From presentation in Tallinn meeting Struve Geodetic Arc and Tenner information in internet

At least 50 different webpages about Struve Geodetic Arc and Tenner all around Europe

Touristic routes to Hammerfest and other. Mostly as UNESCO World heritage site

Geocaching and surveyor forum webpages

Historical and enthusiast pages

Municipalities webpages

Around 10 videos in different languages

Information are mostly the same and sometimes wrong



Latvian Geospatial  
Information Agency

# **From presentation in Tallinn meeting: Struve Geodetic Arc coordinating committee meeting 2008 in Jekabpils resolution number 3**

Resolution: "... *encourage* all the Struve Arc countries to take the platform and use it in order to unify and widen the publicity of the Arc"

Wikipedia platform <http://struvearc.wikidot.com>



Latvian Geospatial  
Information Agency

## Update progress in [struvearc.wikidot.com](http://struvearc.wikidot.com)

E-mail to all Struve Geodetic Arc coordinating committee  
official representative in 11 (12) July 2018

Super fast answer from Finland. In two hours all update  
information come from Jyrki Puupponen



Latvian Geospatial  
Information Agency

Update progress in [struvearc.wikidot.com](http://struvearc.wikidot.com)





Latvian Geospatial  
Information Agency

# Update progress in in [struvearc.wikidot.com](http://struvearc.wikidot.com)

Country	Answer	Update
Norway	Yes	Yes
Sweden	Yes	Yes
Finland	Yes	Yes
Russia	No	No
Estonia	Yes	Yes
Latvia	-----	Yes
Lithuania	Yes	Yes
Belarus	Yes	Yes
Ukraine	No	No
Moldova	Yes	Yes





# How it looks like now. Example of Norway

struvearc.wikidot.com/norway

Getting Started | EUREF Symposium 201... | Theoretical mean sea l... | IMAGE | Federal Aviation Admi... | Datum's and Coordina... | GGOS Portal - Geodeti... | Australian Geodetic Da... | Stations - EUROLAS Da... | Aklās Rakstīšanas Tieš... | Latviešu valodas pado... | GGIM | United Nations...

site-name | wikidot.com | Share on | Join this site | Edit | History | Tags | Source | Explore »

**Struve Geodetic Arc** [Create account](#) or [Sign in](#)

Search this site | Search

home | site info | search | contact

**Contents**

- Home
- History
- UNESCO
- Countries
  - Norway
  - Sweden
  - Finland
  - Russia
  - Estonia
  - Latvia
  - Lithuania
  - Belarus
  - Ukraine
  - Moldova
- Map
- Literature & Links
- Sandbox**
  - Examples
  - Playground
- Visitor Map**

## Norway

[Countries](#) » Norway

**NISSAN JUKE**  
STILĪGS KROSOVERS AR  
SATRIECOŠU VEIKTSPĒJU.

ATRODIET DĪLERI! ➔

This site is under construction!



### Work for nomination

(what investigation has been done before the nomination? how did you search for the points? what points have been found? what organisations have been working on the project?)

### Current work

(what investigation is still running after the investigation? what organisations are included in the national work?)

### Results

(which points are on the unesco list? what further points have been found / not found?)

### Pictures

(pictures from points/campaigns/monuments/..)

### External Links

(links to the participating (national) organisations)

17 visits  
Sep 1st - Sep 30th

[Click to see details](#)

### Page Tags

arcmeasurements belarus countries estonia examples finland history home investigation links lithuania map moldova nomination norway organisations pictures playground russia sandbox struve summary sweden syntax technics tenner ukraine

# Year 2016



# How it looks like now

# Year 2018

## Norway

[Countries](#) > Norway

### Current work

During 2015 and 2016, a management plan was developed for Norway's part of the World Heritage site Struve Geodetic Arc. The work was initiated by Hammerfest Municipality and has been implemented by a Project Manager in cooperation with a Steering Committee containing representatives from the Directorate for Cultural Heritage, the Norwegian Mapping Authority, Finnmark County and the municipalities Hammerfest, Alta and Kautokeino. All participating bodies have contributed to project funding. Part of the funding comes from government budget posts allocated to the Directorate for Cultural Heritage to safeguard and preserve our cultural heritage.



### Results

#### Hammerfest/Fuglenes

Coordinates: 70°40'12" N, 23°39'48" E, 14 metres above sea level.

The Meridian Statue stands on the Fuglenes peninsula. The station point was marked in 1846, and the final astronomical observation determined it in 1850. Installed in October 1854, the monument was designed by architect von Hanno. Since the SGA measured, the Meridian Statue has functioned as a geodetic station for the NMA. The nomination papers describe it as the historical and northernmost point in the SGA and a constant reminder of what was achieved.

#### Lille Raipas/Alta

Coordinates: 69° 56'19" N, 23°39'37" E, 286 metres above sea level.

Lille Raipas is point E in a base extension network from Alta's base line – in other words, one of eight supporting points selected for the WHL. The base line comprised two carefully marked end points with the distance between A and B indicated by pillars. This formed one side of the triangle for the base extension network. The latter had eight stations and was intended to extend the scale from the base line to the Luvddiidčohkka/Lodiken-Nuhpealáš/Nubvarre triangle in the main chain. An original iron mark from 1850 for the triangulation observations can be found under today's survey marker. The area is five kilometres south-east of central Alta. Lille Raipas has served since 1850 as a geodetic station for the NMA.

#### Luvddiidčohkka/Kautokeino/Guovdageaidnu

Coordinates: 69°39'52" N, 22°36'08" E, 639 metres above sea level.

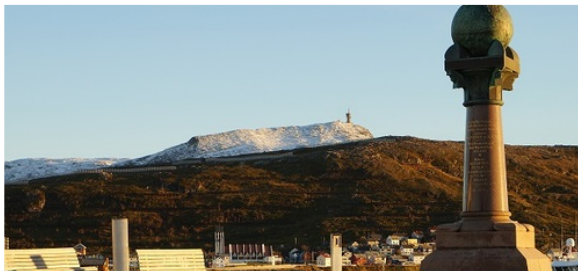
Luvddiidčohkka has been a station point for the NMA since the measurement of the geodetic arc. The point was remeasured at the same spot in 1867, 1873, 1895, 1902, 1904, 1905, 1909, 1922, 1967 and 1978. A pillar or concrete plinth was built in 1978 about 20 metres away for astronomical observations. The station was well-preserved in 1999. The summit offers good views in all directions.

#### Muvravrri/Kautokeino/Guovdageaidnu

Coordinates: 69°01'43" N, 23°18'19" E, 585 metres above sea level.

The SGA station point is on the Muvravrri summit in the Bealjášvrri range. It lies about 2.5 to three kilometres east of the Ávži rural district, which is in turn roughly 11 kilometres north-east of Kautokeino church. The car is about one kilometre further on. The rock pillar was built in 1896 at the station point, which has functioned since then as a survey point for the NMA. It was measured in 1896, 1917-21, 1969 and 1977. Two metal marks were installed 10 metres from the cairn in 1969.

### Pictures



# How it looks like now. Example of Russia



struvearc.wikidot.com/russia

classical relax

Getting Started EUREF Symposium 201... Theoretical mean sea l... IMAGE Federal Aviation Admi... Datum's and Coordina... GGOS Portal - Geodeti... Australian Geodetic Da... Stations - EUROLAS Da... Aklās Rakstīšanas Tieš... Latviešu valodas pado... GGIM | United Nations...

site-name wikidot.com Share on Join this site Edit History Tags Source Explore

## Struve Geodetic Arc

Create account or Sign in

Search this site Search

home site info search contact

### Contents

- Home
- History
- UNESCO
- Countries
  - Norway
  - Sweden
  - Finland
  - Russia
  - Estonia
  - Latvia
  - Lithuania
  - Belarus
  - Ukraine
  - Moldova
- Map
- Literature & Links

### Sandbox

- Examples
- Playground

### Visitor Map

20 visits  
Sep 1st - Sep 30th

Click to see details

### Page Tags

arcmeasurements belarus countries estonia examples finland history home investigation


## Russia

[Countries](#) » [Russia](#)

This site is under construction!

### Work for nomination

(what investigation has been done before the nomination? how did you search for the points? what points have been found? what organisations have been working on the project?)



### Current work

(what investigation is still running after the investigation? what organisations are included in the national work?)

### Results

(which points are on the unesco list? what further points have been found / not found?)

### Pictures

(pictures from points/campaigns/monuments/..)

### External Links

(links to the participating (national) organisations)

# Year 2016



Latvian Geospatial Information Agency

# How it looks like now. Example of Russia Year 2018

## Russia

[Countries](#) » Russia

This site is under construction!



### Work for nomination

(what investigation has been done before the nomination? how did you search for the points? what points have been found? what organisations have been working on the project?)

### Current work

(what investigation is still running after the investigation? what organisations are included in the national work?)

### Results

(which points are on the unesco list? what further points have been found / not found?)

### Pictures

(pictures from points/campaigns/monuments/..)

### External Links

 <p>Комиссия Российской Федерации по делам ЮНЕСКО Организация Объединенных Наций по вопросам образования, науки и культуры</p>	<p><a href="#">UNESCO Russia</a></p>
 <p>All-Russian non-governmental organization <b>RUSSIAN GEOGRAPHICAL SOCIETY</b> Founded in 1845</p>	<p><a href="#">Russian Geographical Society</a></p>
	<p><a href="#">The St.Petersburg Society for Surveying and Mapping</a></p>



Latvian Geospatial  
Information Agency

# New thinks in [struvearc.wikidot.com](http://struvearc.wikidot.com) (1)

At homepage you can find resolutions of Coordinating Committee meetings

## Struve Geodetic Arc Coordinating Committee activities

- [International Conference "The Future of the Struve Geodetic Arc", Chisinau, Moldova, September 27-29, 2004 \(Resolutions\)](#)
- [First Coordinating Committee Meeting, Helsinki, Finland, August 23 – 25, 2005 \(Resolutions\)](#)
- [Second Coordinating Committee Meeting, Haparanda, Sweden, August 14 – 16, 2006 \(Resolutions\)](#)
- [Third Coordinating Committee Meeting, Jekabpils, Latvia, August 22 – 23, 2008 \(Resolutions\)](#)
- [Fourth Coordinating Committee Meeting, Vilnius, Lithuania, September 15-17, 2010 \(Resolutions\)](#)
- [Fifth Coordinating Committee Meeting, Minsk-Oshmyany, Belarus, July 3-5, 2012 \(Resolutions\)](#)
- [Sixth Coordinating Committee Meeting, Vilnius, Lithuania, October 6-8, 2014 \(Resolutions\)](#)
- [Seventh Coordinating Committee Meeting, Tartu, Estonia, September 7-8, 2016 \(Resolutions\)](#)
- [Eighth Coordinating Committee Meeting, Sankt-Petersburg, Russia, September 12-14, 2018 \(Programme\)](#)



Latvian Geospatial Information Agency

# New thinks in [struvearc.wikidot.com](http://struvearc.wikidot.com) (2)

## At homepage you item at menu bar Commemoratives

### Contents

- Home
- History
- UNESCO
- Countries
- Commemorative**
- Map
- Literature & Links

### Sandbox

- Examples
- Playground

### Visitor Map



### Page Tags

arcmeasurements belarus  
countries estonia examples  
finland history home  
**investigation**  
latvia links lithuania  
map moldova nomination  
norway organisations  
**pictures** playground  
russia sandbox struve  
summary sweden syntax  
technics tenner ukraine  
unesco

### Commemoratives

This site is under construction!

Member States of Coordinating Committee produce commemoratives - post stamps and anniversary coins, in order to inform public and promote Struve Geodetic Arc.

[Arunas Buga presentation "Updates of Struve Geodetic Arc commemoration through collectables", 2016](#)

On 5 May 2011, the United Nations Postal Administration (UNPA) issued a set of commemorative stamps on the theme "World Heritage—Nordic Countries" which includes five Nordic countries.

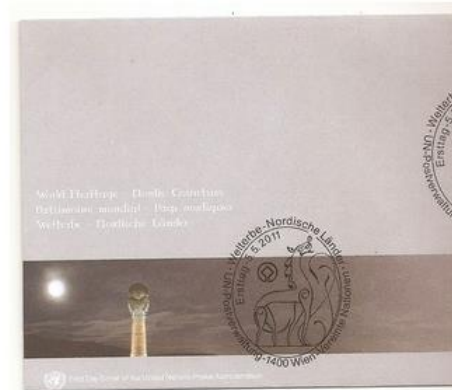
#### THE DESIGNS

- 44 cents: Iceland – Surtsey Volcanic Island
- 98 cents: Sweden – Drottningholm Castle
- F.s. 0,85: Denmark – Kronborg Castle
- F.s. 1,00: Finland – Suomenlinna Fortress
- € 0,62: Norway – Urnes Stave Church
- € 0,70: Struve Geodetic Arc

The designs were adapted as stamps by Rorie Katz (United Nations).



Commemorative stamps on the theme "World Heritage—Nordic Countries"



Commemorative stamp Struve Geodetic Arc



Latvian Geospatial  
Information Agency

# New thinks in [struvearc.wikidot.com](http://struvearc.wikidot.com) (3)

## Updates links.

### Links

---

#### Literature

- [Struve Arc 150](#) - Report from the Conference "Struve Arc 150"; International Institution for the History of Surveying and Measurement (IIHS&M); 2002
- [Nomination Paper](#) - Nomination of the Struve Geodetic Arc for inscription on the World Heritage List; Struve Arc World Heritage Committee
- [ICOMOS Advisory Body Evaluation](#) - Advisory Body Evaluation, Struve Geodetic Arc, No. 1187; International Council on Monuments and Sites (ICOMOS); April 2005
- [WHC Decision](#) - Nominations of properties to the World Heritage List and the List of World Heritage in Danger; World Heritage Committee; Paris, 15 June 2005
- [The Struve Geodetic Arc](#) - The Struve Geodetic Arc; J. R. Smith; September 2005
- [On Comparison of the Three Meridian Arcs in Lapland](#) - FIG Working Week 2008, Vitali Kaptüg, June 13-19 2008, Stockholm
- [Index of Field and Other Important Manuscripts Relating to the Scandinavian Segment of the WH Monument "Struve Geodetic Arc"](#) - FIG Working Week 2008, Vitali Kaptüg, June 13-19 2008, Stockholm
- [In Struve's Footsteps - Reconstructing a 19th Century Surveying Masterpiece \(abstract\)](#) - FIG Working Week 2008, Nienke Beintema, June 13-19 2008, Stockholm
- Arc du méridien de 25° 20' entre le Danube et la mer glaciale; Friedrich Georg Wilhelm Struve; St. Pétersbourg, 1857-1860 (visible only in few libraries)

#### Links

[International Federation of Surveyors \(FIG\)](#)

[EuroGeographics Page about the Struve Geodetic Arc](#)

[International Institution for the History of Surveying and Measurement \(IIHS&M\)](#)

[UNESCO World Heritage Center Page about the Struve Geodetic Arc](#)

#### Pictures

- [Struve Geodetic Arc](#)
- [Third Coordinating Committee Meeting](#) - "Struve Geodetic Arc and its Extension in Time and Space", August 2008, Jekabpils (Latvia), Photo: Latvian Geospatial Information Agency



Latvian Geospatial  
Information Agency

**Paldies!**  
**Спасибо!**