



## STRUVE GEODETIC ARC: NATIONAL REPORT OF MOLODVA



### 8<sup>th</sup> Meeting of Coordinating Committee of the Struve Geodetic Arc

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Transparență decizională

Actualizări

Informație utilă

Acte legislative și normative

Certificare

Certificare în domeniul evaluației

Certificare inginerilor catastrofări

Certificare în domeniul geodezicăi, cartografiei, proiectelor hidrografice și geoinformaticăi

Inspectoratul de Stat pentru Infrastructura Geodezică, Tehnică și Proiectare

Directori

- Directorul Directorului și protecției catastrofării
- Directorul general



**Anatolie Ghilăs**  
Director general ARFC

#### Știri

2015.05.17.10.48  
Cronica privind la înregistrarea  
Băncii de reprezentații

Proiectul "Proiecte în Comunitate" în aplicația șipciului nr. 1 "Cronica" anunță prevederea creării rețelei naționale de apărare în cadrul unui succursal în Republica Moldova. Succursalul va fi deschis în primăvara anului 2016.

*Agenția Relații Funciare și Cadastru a Republicii Moldova este organul administrației publice centrale, care realizează politica statului în domeniul relațiilor funciare, cadastrului, geodeziei, cartografiei, geoinformaticăi și este subordonat Guvernului Republicii Moldova.*

#### Pagina principală

Agenția Relații Funciare și Cadastru a Republicii Moldova este organul administrației publice centrale, care realizează politica statului în domeniul relațiilor funciare, cadastrului, geodeziei, cartografiei, geoinformaticăi și este subordonat Guvernului Republicii Moldova.

Deoarece cadrul secolului ca baza pentru crearea Infrastructurii Naționale de Date Spațiale, actualmente Agenția este prezentă în elaborarea Sistemului Informațional Geografic Național.

Cronica: Hotărârea Guvernului RM nr. 283 din 12.05.2015 se stabilește obiectivul să se împărățească Agenției Relații Funciare și Cadastru în număr de 41 unități, cu un termen anual de instituire a acestuia conform legii și în vigoare.

✓ **The Agency for Land Relations and Cadastre:** Public Government Authority carrying out execution, control and supervising the Land Administration, Geodesy, Mapping and Cadastre Systems in Moldova <http://www.arfc.gov.md/>

✓ Established in 1994

✓ National contact point for the Struve Geodetic Arc, monitoring and reporting.

✓ **ALRC is Founder of four State Enterprises:**

- S.E. "CADASTRU" <http://www.cadastre.md/>
- S.E. Institute of Geodesy, Engineering Research and Cadastre "INGEOCAD" <http://www.ingeocad.md>
- S.E. Project Institute for Land Management "IPOT" <http://www.ipot.md/>
- S.E. "Soil Protection and Land Development" <http://www.arsps.md/>



# General

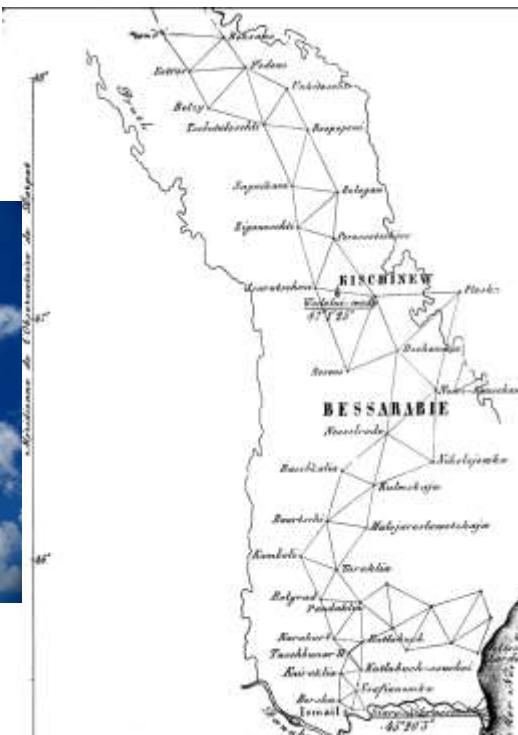
✓ 26 Struve Arc points in Moldova

✓ 2 Points still exist:

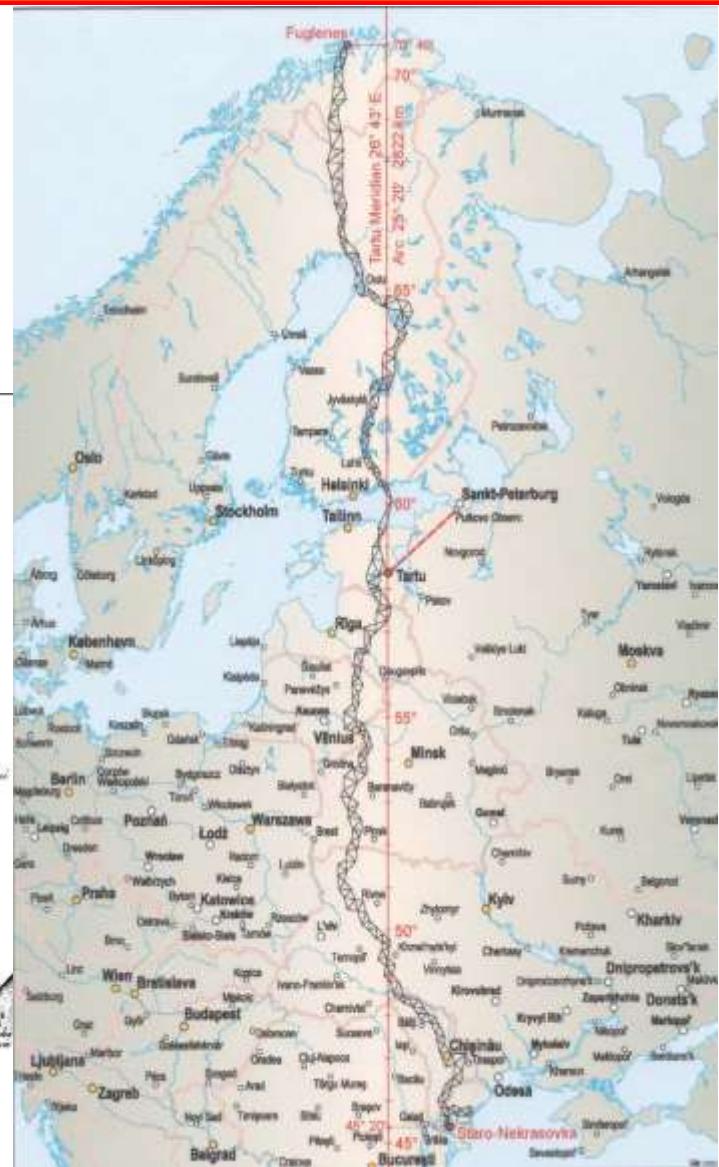
- i) Rudy and
- ii) Geamana

✓ One point on the World Heritage list

- Rudy



1846-1848



# Struve Geodetic Arc “RUDY” (2003)



Struve Point RUDY;  
✓ *Established: 1847*  
✓ *Type of mark: Drill hole in sunken pillar*  
✓ *Condition: Good condition*  
✓ *Accessibility: 300 m from motorway Soroca-Otaci*



The point RUDY of the Struve Geodetic Arc is represented by a brick pillar 40x40 cm sunk into a 1 m deep pit located in a mound of diameter 2,5 m, height approx 50 cm. basement thickness is one brick.

# Struve Geodetic Arc point “RUDY” (2005)



June 2005: Open Ceremony of Struve Geodetic Arc Point “RUDY”



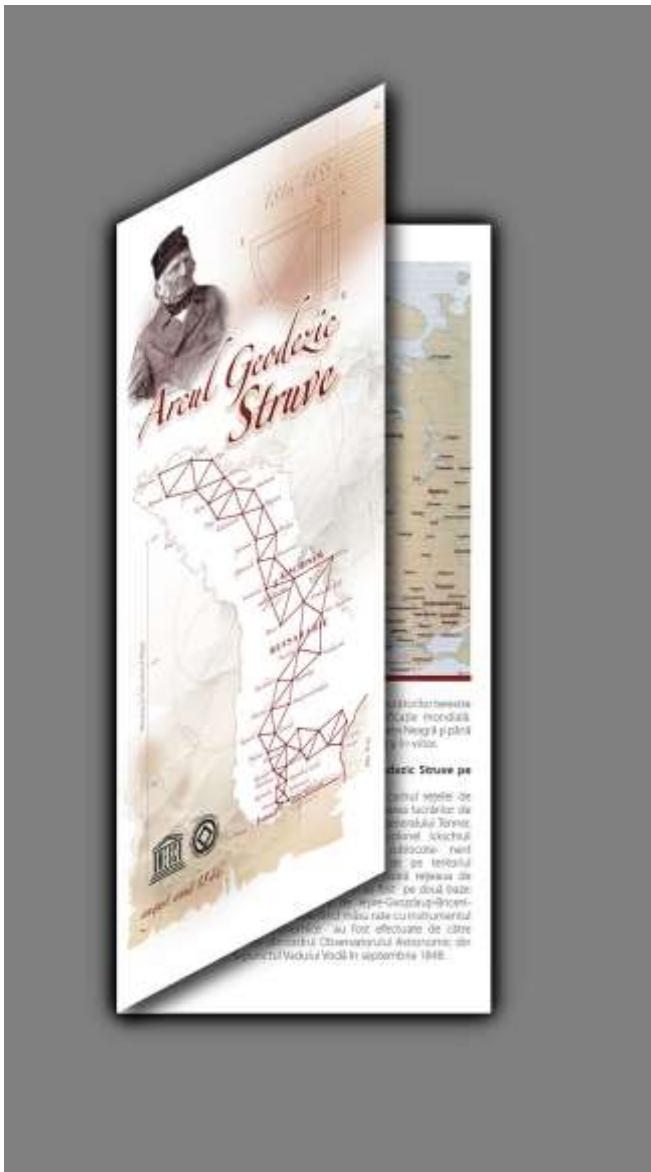
# Struve Geodetic Arc point “Geamăna”



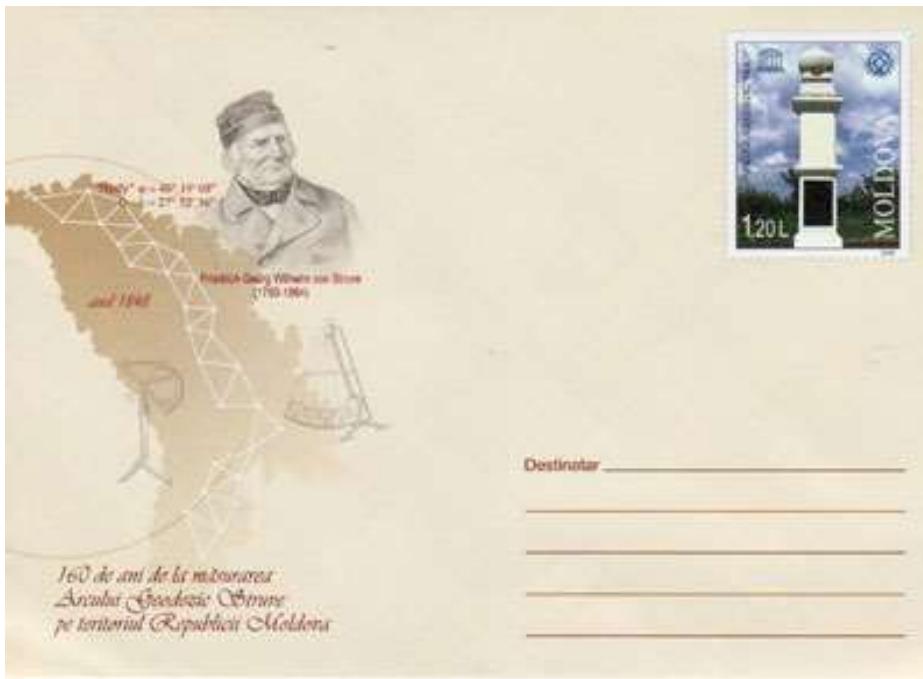
- ✓ The Agency for Land Relations and Cadastre through S.E. INGEOCAD found the Struve point [Geamana](#), In November 2006.
- ✓ The Struve Geodetic Point GEAMANA is under documentation and monumentation.
- ✓ The Point GEAMANA will be included National Heritage list.



# Promotion of Struve Geodetic Arc point "RUDY" (2005)



# Promotion of Struve Geodetic Arc point "RUDY" (2008)



Postal administration of Moldova has issued prestamped card on 1st September 2008. Prestamped card is devoted to 160th Birth Anniversary of W. Struve. Designers of prestamped card are Oleg and Alina Cojocaru. Paper ordinary. Printing process offset. Size of card 162 x 114 mm. 50000 cards were printed.



Moldova  
prestamped card  
FD cancellation  
postmark

# Promotion of Struve Geodetic Arc point "RUDY" (2009)



National Bank of Moldova  
in circulation since June 15, 2009



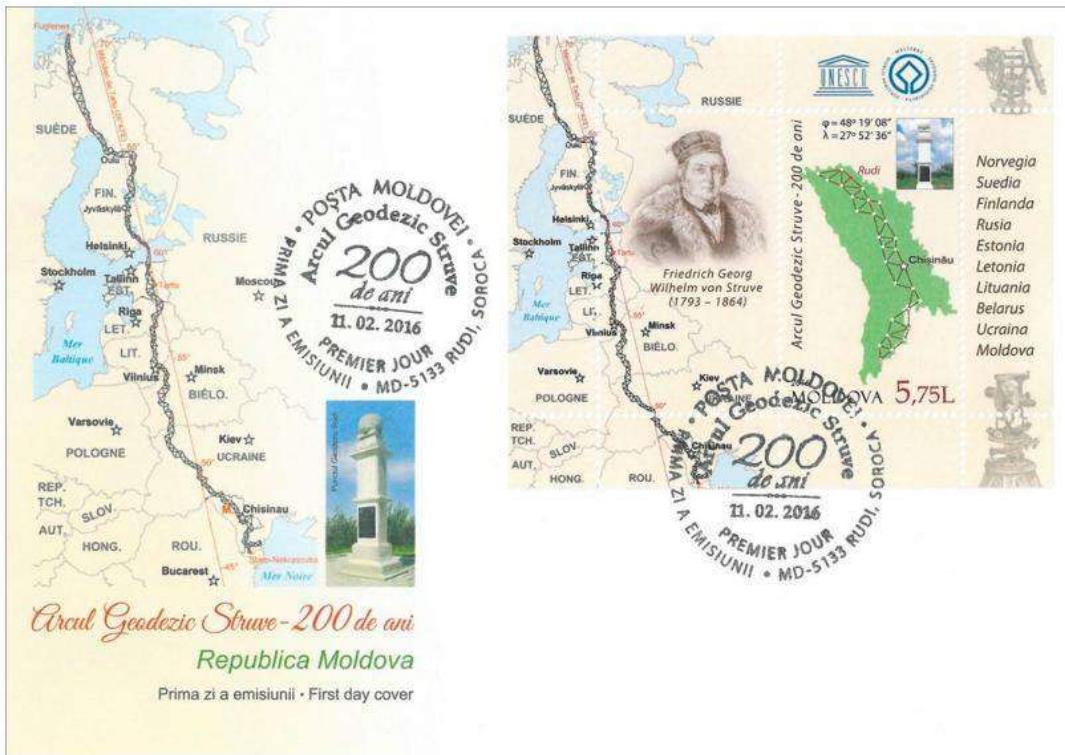
## Obverse:

on the central part – the Coat of Arms of the Republic of Moldova; on the upper part - figure „2009”; on the bottom part -the inscription „50 LEI”; following the coin circumference– the inscription "REPUBLICA MOLDOVA" is engraved in block letters.

## Reverse:

on the central part – the map of Republic of Moldova, on which is placed the Geodezic Arch Struve, the geodezic point Rudi and the geographic coordinates, on the upper part- inscription „RUDI” ; on the upper part, following the coin circumference – the inscription „ARCUL GEODEZIC STRUVE” is engraved in block letters.

# Promotion of Struve Geodetic Arc point “RUDY” (2016)



Postal administration of Moldova has issued prestamped card on 11 February 2016. Prestamped card is devoted to 200 Anniversary of Struve Geodetic Arc.

Designer of prestamped card are Oleg Cojocaru. Paper ordinary. Printing process offset. Size of card 162 x 114 mm. 5000 cards were printed.

# Commemoration of Struve Geodetic Arc (2016)



- ✓ Ministry of Education, Culture and Research
- ✓ Ministry of Defence (Topographic Centre)
- ✓ Agency for Land Relations and Cadastre
- ✓ UNESCO Office in Moldova
- ✓ Local Public Authority RUDY

# Inspection of Struve Geodetic Arc point “RUDY” (2017)



- ✓ Condition of monument
- ✓ Accessibility
- ✓ Maintenance



# Conclusions and next step...

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- Coordination and Management of Struve Geodetic Arc in Moldova is exercised within
  - ✓ Ministry of Education, Culture and Research of Moldova;
  - ✓ Agency for Land Relations and Cadastre and
  - ✓ Local Public Authority RUDY.
- Establishment of Management Council and Management Plan of Struve Geodetic Points in Moldova started recently (in progress).
- Struve Geodetic Point GEAMĂNĂ is under documentation & monumentation (in progress).
- Inscription of the Struve Geodetic Arc Point GEAMĂNĂ in the National Heritage List (in progress).
- Development of good cooperation within Ministry of Education, Tourism and Research, Agency for Land Relations and Cadastre, UNESCO Office in Moldova, municipalities, museums, geodesy experts, academia sector and nongovernmental organisations, ensure their participation in the management of Struve Geodetic Arc in Moldova is needed.
- Develop a good international collaboration with Struve Geodetic Arc stakeholders.

# Thanks for cooperation



- International Institute for the History of Surveying & Measurements: Mr. Jan de Graeve & Mr. Jim Smith, who supported ALRC in 2003 an amount of \$ 750 towards the measurements of Struve Geodetic Arc in Moldova
- National Land Survey of Finland: Mr. Jarmo Ratia and Mr. Pekka Tatila
- The Saint - Petersburg Society for Surveying and Mapping: Mr. Vitaliy Captiug
- State Committee of Land Survey of Belarus
- All the "Struve Geodetic Arc' countries

*Struve Geodetic Conference, Chișinău, Moldova 2004*

# Thanks for cooperation



- The Governments Institutions of Moldova:
  - ✓ Ministry of Defense;
  - ✓ Ministry of Culture;
  - ✓ Ministry of Transport;
  - ✓ State Enterprise INGEOCAD.
- The UNESCO office in Moldova
- The Public Local Authorities/Rudy, Geamana



# Thank you for your attention

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