



STRUVE GEODETIC ARC: NATIONAL REPORT OF MOLODVA



8th Meeting of Coordinating Committee of the Struve Geodetic Arc

Maria OVDII, Ph. D

Agency for Land Relations and Cadastre of Moldova

E-mail maria.ovdii@arfc.gov.md





Anatolie Ghilaș
Director general ARFC

Agencia Relatii Funciare si Cadastru a Republicii Moldova este organul administratiei publice centrale, care realizeaza politica statului in domeniul relatiilor funciare, cadastrului, geodetiei, cartografiei, geoinformaticii si este subordonata Guvernului Republicii Moldova.

Pagina principala

Agencia Relatii Funciare si Cadastru a Republicii Moldova este organul administratiei publice centrale, care realizeaza politica statului in domeniul relatiilor funciare, cadastrului, geodetiei, cartografiei, geoinformaticii si este subordonata Guvernului Republicii Moldova.

Dezastrele cadastrului serveste ca baza pentru crearea Infrastructurii Nationale de Date Spatiale, actualmente Agencia este preocupata de stabilirea Sistemului Informatiilor Geografice National.

Crearea Hotărârii Guvernului RM nr. 360 din 12.05.2016 se stabilește efectiv limită al aparatului central al Agenției Relații Funciare și Cadastru în număr de 41 unități, cu un fond anual de mediiere a muncii conform legislației în vigoare.

Știri

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Agencia Relatii Funciare si Cadastru a Republicii Moldova este organul administratiei publice centrale, care realizeaza politica statului in domeniul relatiilor funciare, cadastrului, geodetiei, cartografiei, geoinformaticii si este subordonata Guvernului Republicii Moldova.

- Transparenta deciziilor
- Actualitati
- Informatii utile
- Acte legislative si normative
- Certificari
- Certificarea in domeniul mobilizarii
- Certificarea inginerilor cadastrali
- Certificarea in domeniul geodetic, cartografic, topografic si geoinformatic
- Inspecționarea de Stat pentru Supravegherea Geodezică, Topografică și Regim
- Direcții
- Direcția națională pentru protecția solului
- Direcția geodezie

✓ **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 “Geamănă”



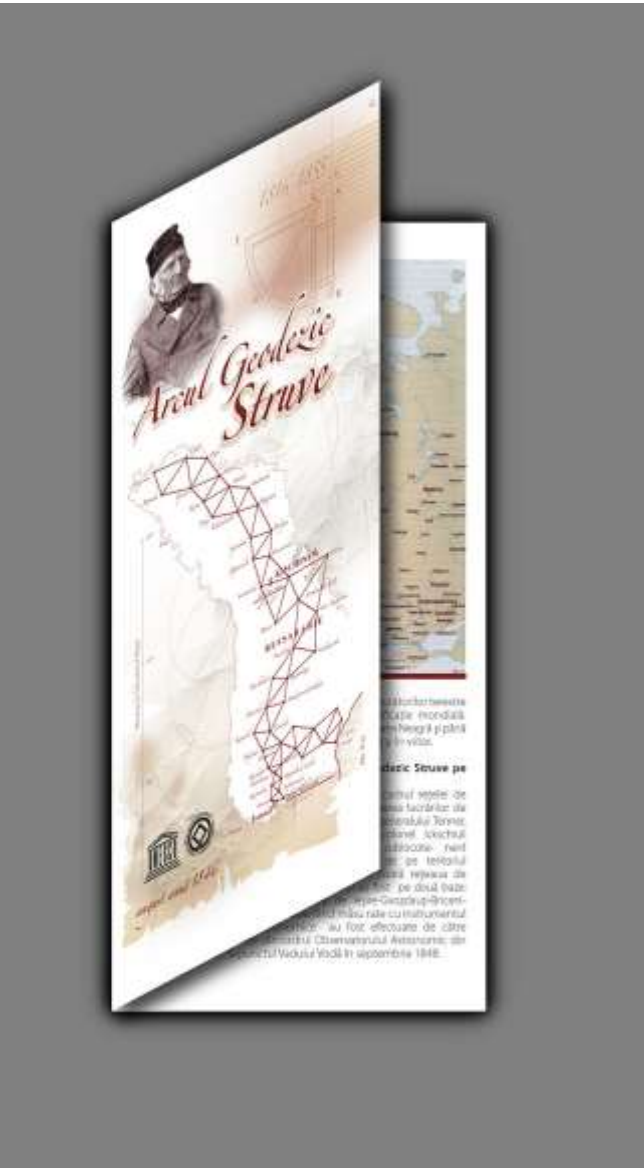
✓ The Agency for Land Relations and Cadastre through S.E. INGEOCAD found the Struve point [Geamana](#), In November 2006.

✓ The Struve Geodetic Point GEAMANA is under documentation and monumentation.

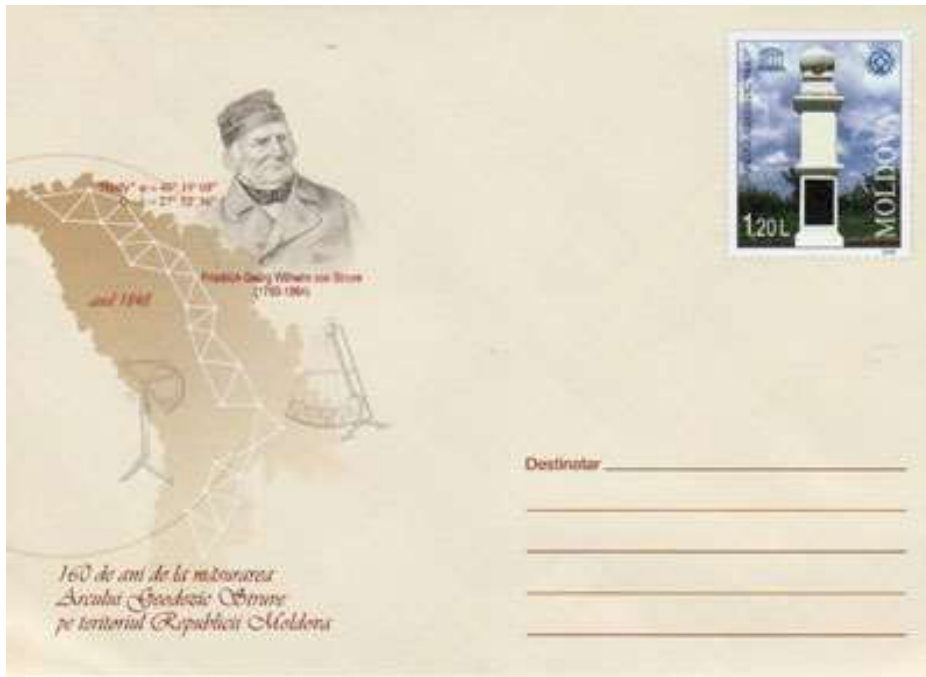
✓ The Point GEAMANA will be included National Heritage list.



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:

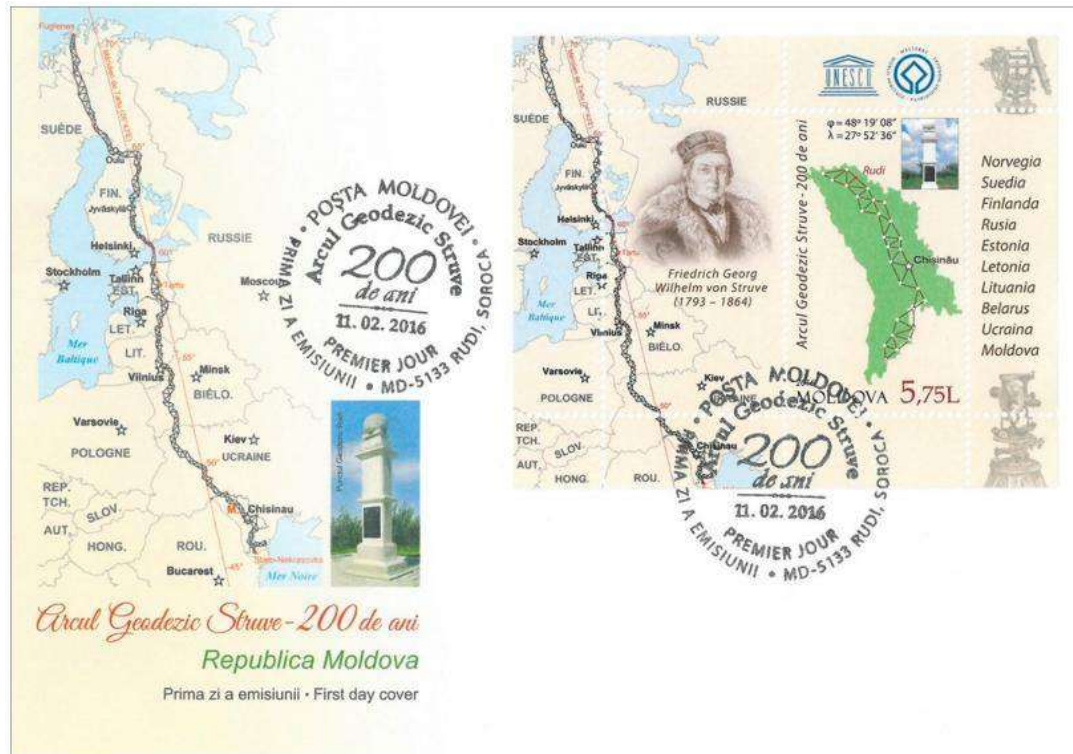
on the central part – the Coat of Arms of the Republic of Moldova; on the upper part - figure „2009”; on the bottom part -the inscription „50 LEI”; following the coin circumference– the inscription "REPUBLICA MOLDOVA" is engraved in block letters.



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 Cojocar. 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...

- 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



Struve Geodetic Conference, Chişinău, Moldova 2004

- 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. Vitally Captiug
- State Committee of Land Survey of Belarus
- All the “Struve Geodetic Arc’ countries

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

Maria.ovdii@arfc.gov.md