



Latvian Geospatial
Information Agency

Latvian national report

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



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Contents

- Struve geodetic arc activities from 2016
- Struve geodetic arc management plan for Latvia and follow activities



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Struve geodetic arc activities from 2016

- Seminar in Jekabpils about UNESCO World Heritage object Struve geodetic arc popularization and maintenance in Selija (30th of September 2016)
- Photographing of book "ARC DU MERIDIEN DE 25° 20' ENTRE LE DANUBE ET LA MER GLACIALE"
- Capacity Building Seminar for Site Managers 18th – 20th of October 2017, Vilnius, Lithuania
- Preparing work for Struve geodetic arc management plan from beginning of 2017 till May of 2018



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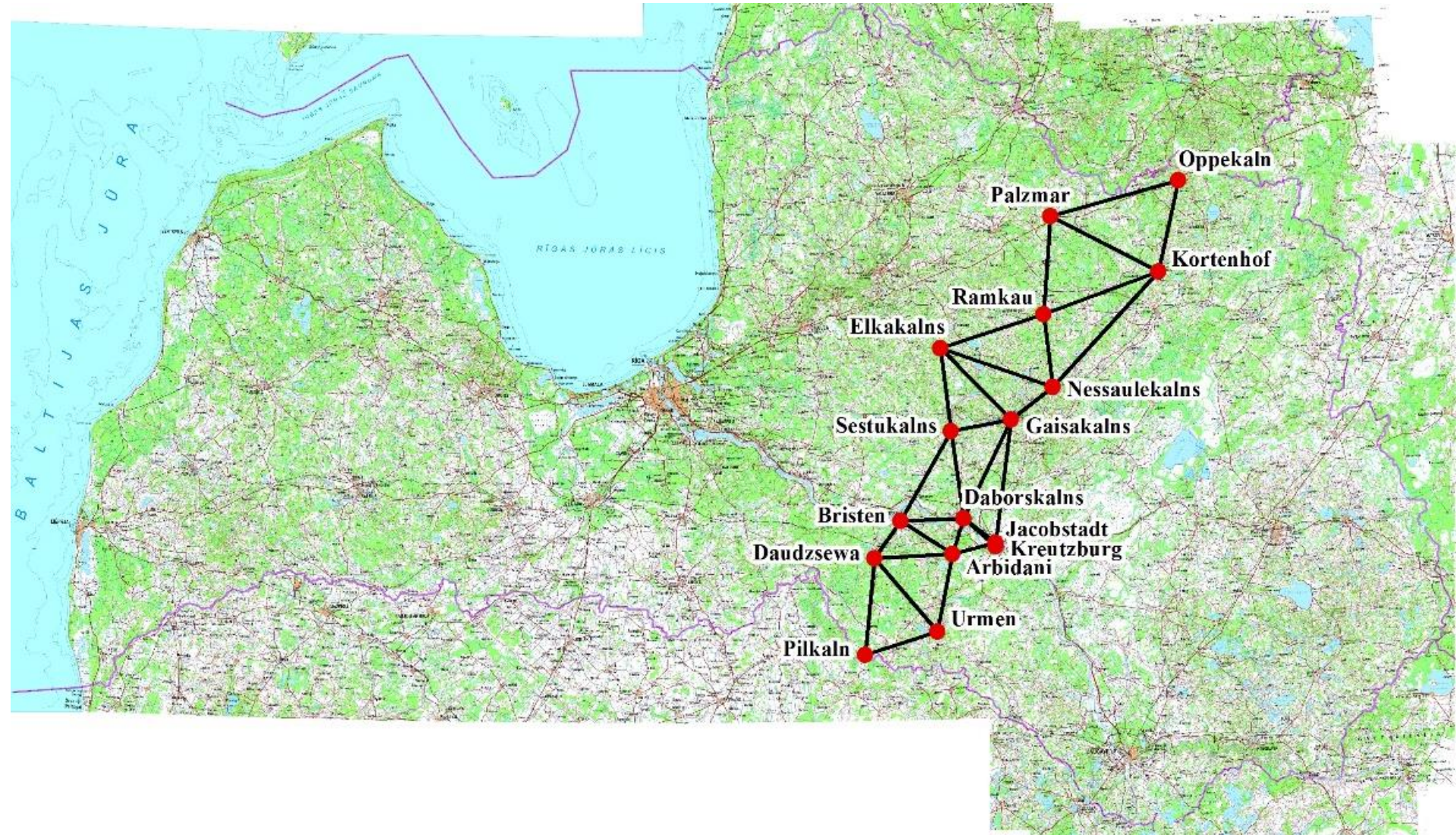
Struve geodetic arc management plan for Latvia and follow activities (1)

- In common work with Latvian National Commission for UNESCO, local municipalities and National Heritage Administration developed Struve geodetic arc management plan for Latvia
- Cover all municipalities with Struve geodetic arc points (existent or non-existent) in total 11 municipalities:
 - *Alūksnes novads*
 - *Smiltenes novads*
 - *Gulbenes novads*
 - *Amatas novads*
 - *Madonas novads*
 - *Ērgļu novads*
 - *Jēkabpils pilsēta*
 - *Salas novads*
 - *Jaunjelgavas novads*
 - *Viesītes novads*
 - *Neretas novads*



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Struve geodetic arc management plan for Latvia and follow activities (2)





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Struve geodetic arc management plan for Latvia and follow activities (3)

- Opening meeting at 11th of May 2018 in Latvian War Museum for Struve Geodetic Arc Preservation and Development Council of Latvia took place
- The Council consists of 17 members:
 - 3 representatives from Latvian Geospatial Information Agency (LGIA)
 - 1 representative from UNESCO Latvia
 - 2 representatives from the National Heritage Administration
 - one representative from each municipalities with Struve Geodetic arc points (11)



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Opening speeches and
best wishes from:

Minister of Defense Mr.
Raimonds Bergmanis





Director of Latvian Geospatial information agency colonel Liberts



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General secretary of
Latvian National
Commission for
UNESCO Ms. Baiba
Molnika



Long and fruitful discussion about Struve geodetic arc management plan for Latvia





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Struve geodetic arc management plan for Latvia and follow activities (6)

- Election of Struve geodetic arc experts in Latvia:
 - Asoc. prof., Dr.sc.ing. Jānis Kaminskis
 - Asoc. prof., Dr.sc.ing. Māris Kaļinka



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Struve geodetic arc management plan for Latvia and follow activities (6)





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Struve geodetic arc management plan for Latvia and follow activities (7)

Approval of management plan for Struve geodetic arc
points in Latvia 2018.- 2023. year



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Apvienoto Nāciju Izglītības,
zinātnes un kultūras
organizācija



• **Strūves ģeodēziskais loks**
• Pasaules mantojuma sarakstā
• iekļauts 2005. gadā

Pārvaldības plāns 2018. – 2023. gadam

Strūves ģeodēziskā loka punktiem Latvijā

Rīga
2018



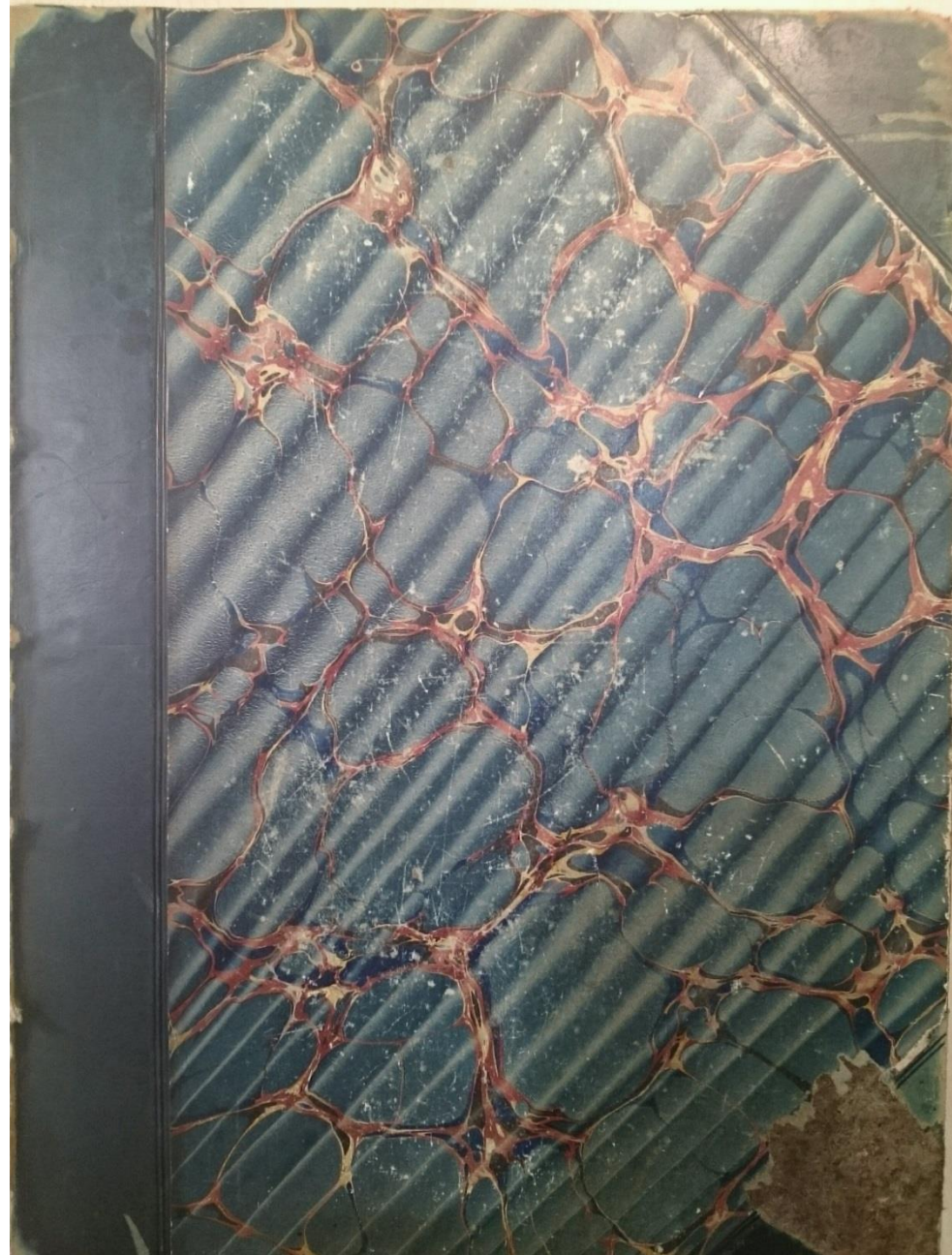
Struve geodetic arc management plan for Latvia and follow activities (8)

Order	Original name of Struve geodetic arc	Place name of Struve geodetic arc point
1	Oppekaln	Opekalns
2	Palzmar	Palsmane
3	Kortenhof	Kārtene
4	Ramkau	Ranka
5	Elkas-kalns	Elkas kalns
6	Nessaule-kalns	Nesaules kalns
7	Gaissa-kalns	Gaiziņš
8	Sestu-kalns	Ziestu kalns
9	Dabors-kalns	Dāburkalns
10	Kreutzburg	Krustpils
11	Jacobstadt	Jēkabpils
12	Bristen	Bristānu kalns
13	Arbidani	Arbidāni
14	Daudsewas	Daudzeva
15	Urmen	Ormaņkalns
16	Pilkaln	Pilskalne



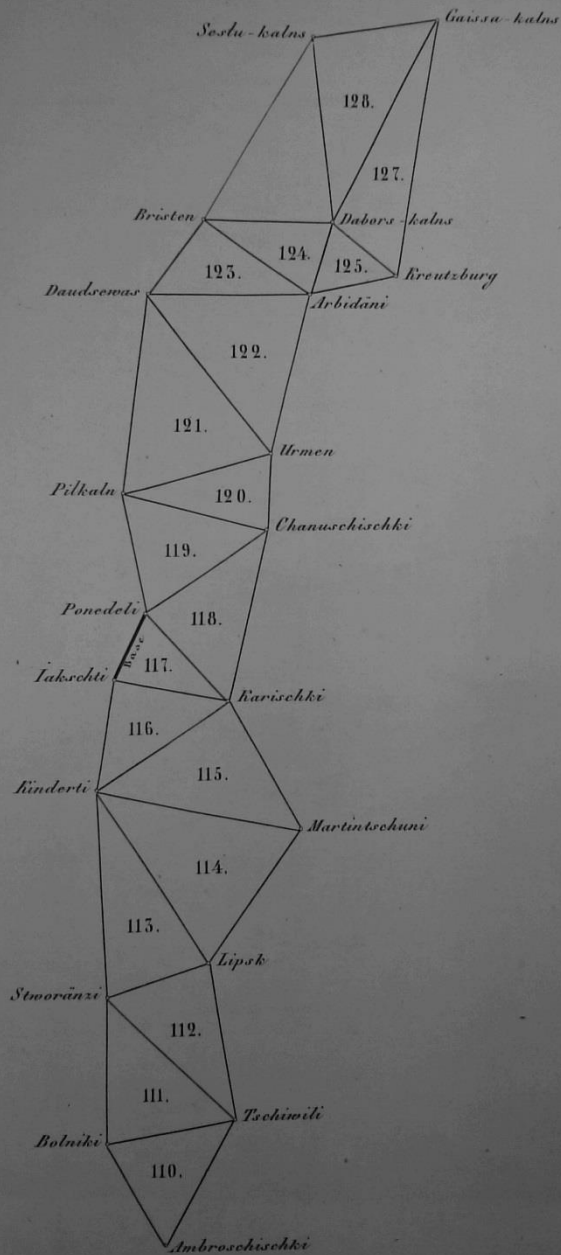
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ARC DU
MÉRIDIEN
LE
DANUBE
ET LA MER
GLACIALE
25° 20' (St.
Petersbourg,
1860)



TRIANGLES DE COURLANDE ET DU GOUV. DE WILNA,
mesurés sous la direction de M. de Fenner.

Pl. VII



20-000 toises au
de Dorpat

100-000

110-000

120-000

130-000

140-000

150-000

160-000

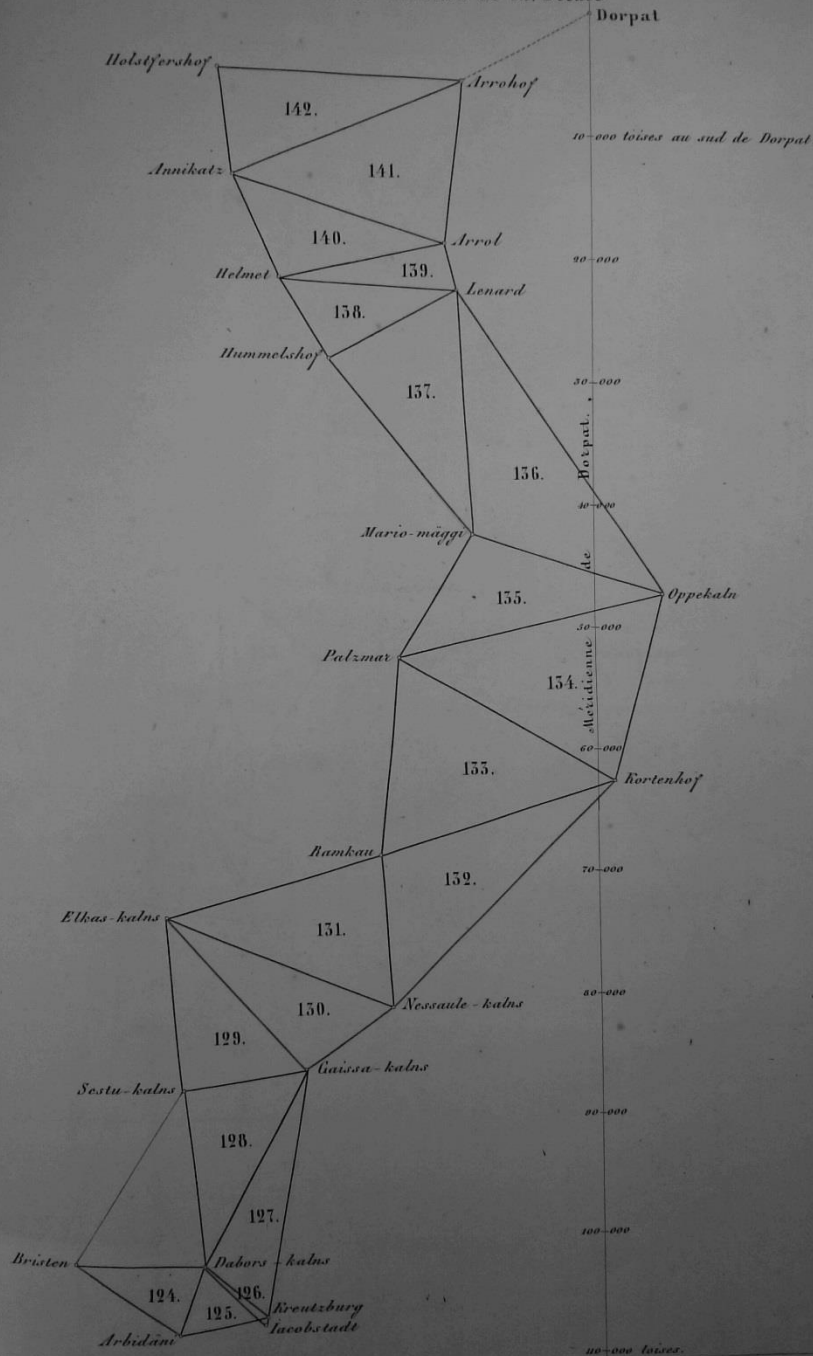
170-000

180-000

190-000 toises

TRIANGLES DE LIVONIE ET DE COURLANDE,
mesurés sous la direction de M. Struve

Pl. IX



10-000 toises au sud de Dorpat.

20-000

30-000

40-000

50-000

60-000

70-000

80-000

90-000

100-000

110-000 toises.



7. of September 2018 new information stand in Sece and joint work at Struve arc observatory and point Bristen





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07/09/2018



7. of September 2018 new information stand in Sece and joint work at Struve arc observatory and point Bristen

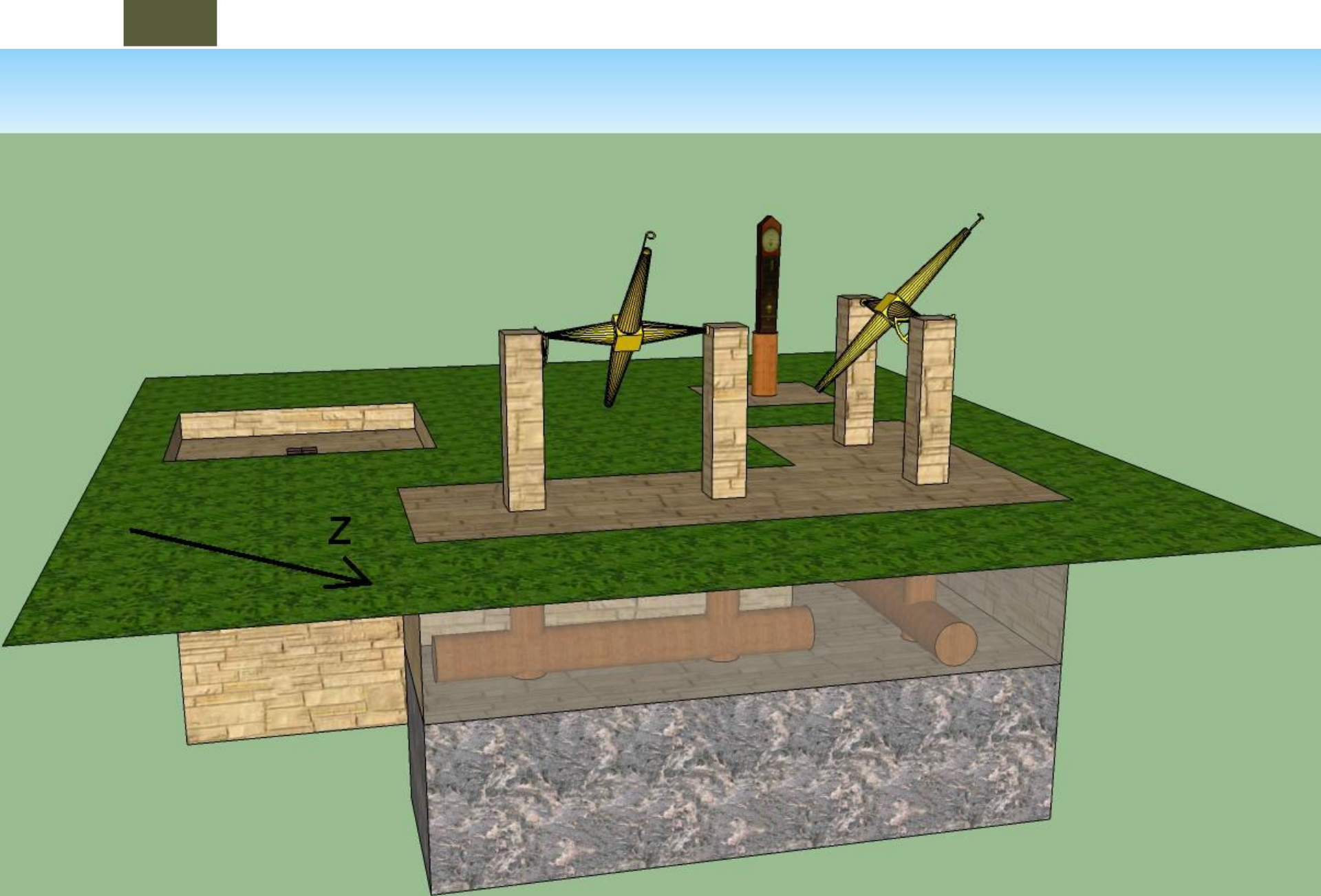


07/09/2018



7. of September 2018 new information stand in Sece and joint work at Struve arc observatory and point Bristen







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Future plans

- Reconstruction of Struve geodetic arc point Arbidani at 26th of September







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Riga Technical university activities

On going work in Geomatics cathedra about Struve Geodetic arc point aerophotography. So far Krustpils castle in Jekabpils

Visualization on page:

http://realitymodels.northeurope.cloudapp.azure.com/rm/Krustpils_pils_3dtiles/App_CCWebViewer2/index.html

Future plans to make 3D of Struve arc Latvian part

More from Asoc. prof., Dr.sc.ing. Māris Kaļinka



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Future plans

- Second meeting of Struve Geodetic Arc Preservation and Development Council at October in Jekabpils
- Call Development Council twice a year for tracking of management plan for Struve geodetic arc points in Latvia 2018.- 2023. year and exchange experience
- Renovate and open for visitors field observatory in Bristen



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Paldies!
Спасибо!