

ESP

Subregional Soil Partnerships

EurasianSP



Eurasian Soil Partnership Secretariat report 20/21



EURASIAN SOIL
PARTNERSHIP

Activities 2020/2021

1. Webinar “Sustainable Soil Management. Climate Change and Agriculture in the Eurasian Region: Threats, Challenges or New Opportunities” – ***Feb, 24 2021***
2. Book: SSM in Eurasian Region – ***Prepare for printing***
3. Regional training for Creation Of A National Soil Information System – ***September 1-15, 2020***
4. World Soil Day in the Russian Federation – ***December 4-5, 2020***
5. eurasian-soil-portal.info - website updated! – ***Online***

1 - Webinar overview

- The webinar was organized by the NP National Conservation Agriculture Movement; (NCAM), the Eurasian Center for Food Security (ECFS) of the Lomonosov Moscow State University, the UN FAO subregional Eurasian Soil Partnership (EASP) in the partnership with National Research University Higher School of Economics (HSE)."
- **Topic:** Soil organic carbon is the basis for all physical, chemical and biological processes in the soil, a regulator of the agricultural products quality, soil fertility and productivity. At the same time, agricultural soils have the potential to sequester atmospheric carbon and regulate greenhouse gases concentration.
- The event was attended by **366 participants** from Armenia, Germany, Kazakhstan, Kyrgyzstan, Republic of Moldova, Russian Federation, Tajikistan, Turkey, Uzbekistan and Ukraine. All participants got the link for the webinar recording at the platform "Golden Autumn".
- More information: <https://ecfs.msu.ru/index.php/en/news-en/468-webinar-ssm-climate-change-and-agriculture-eurasian-region-feb24>

2 – Book: SSM in Eurasian Region



Language – in Russian

Authors – more than 56 from Eurasian Region

Chapters –

CHAPTER 1. Drivers of soil degradation

CHAPTER 2. Processes and mechanisms of soil degradation

CHAPTER 3. Impact of soil degradation on society

CHAPTER 4. The society's responses

Publication *WILL BE* available on the FAO website (www.fao.org/publications) and ECFS website (www.ecfs.msu.ru/index.php/en/resources/publications-en)

Edited by S. A. Balyuk, G. M. Khasankhanova, P. V. Krasilnikov

3 - Regional training for modelling and mapping SOC sequestration potential in Eurasia (Pillar 4)

- Conducting an online seminar "Creating a National Soil Information System", September 1-15, 2020 at the Faculty of Soil Science of Lomonosov Moscow State University
- To fulfill the task of the Project-the organization of scientific and methodological centers for the exchange of best practices for professional development and training of personnel, a practical seminar was held on the topic "Development and Management of national soil information systems" ("Creation of a National Soil Information System") for the countries of the Eurasian Soil Partnership.
- More than 50 participants from 7 countries were invited to the seminar.
- **Module 1.** Organization, storage, presentation, exchange and analysis of data in data centers of the distributed network of the soil-geographical database of the Russian Federation
- **Module 2.** IT technologies in land resource assessment
- **Module 3.** Creating a standard soil data center
- **Module 4.** Inventory of agricultural and soil data and vectorization of large-scale soil maps
- **Teachers:** Yu. Razloga (Moldova), Yu. Litvinov (Russia), O. Golozubov (Russia), D. Golozubov (Russia)

4 - World Soil Day in the Russian Federation

- On December 4, 2020, the **Fifth Scientific and Practical Conference on Food Security and Soil Science** was held online, timed to coincide with the celebration of World Soil Day in the Russian Federation. The event was organized by [FAO Liaison Office with the Russian Federation](#), ECFS, the [World Bank](#), and the [Russian State Agrarian University – Moscow Timiryazev Agricultural Academy \(RSAU-MTAA\)](#).
- This year the conference in Russia was held on the Zoom platform and attended by 180 specialists from Russia, Europe, and Central Asia, as well as from the United States and South Africa.
- On December 4, an online tour of three soil museums of the world took place. The tour was organized by the [V.V. Dokuchaev Central Museum of Soil Science](#) (St. Petersburg, Russia), the [Emirates Soil Museum](#), and the [Museum of the Institute of Cartography and Geology](#) (Catalonia, Spain). Virtual tour participants learned about expositions and the history of the museums' creation. The broadcast took place on Zoom and YouTube platforms. More than 220 people from all over the world watched the museum tours.
- Also, on December 5, the online symposium Grounding Art & Science was held. The speakers of the event were artists and curators of art centers, as well as a representative from the scientific side: **Elena Sukhacheva**, director of the V.V. Dokuchaev Central Museum of Soil Science.
- For more information: <https://ecfs.msu.ru/index.php/en/news-en/457-soil-day-2021-itogi-eng>

5 - eurasian-soil-portal.info - website updated!



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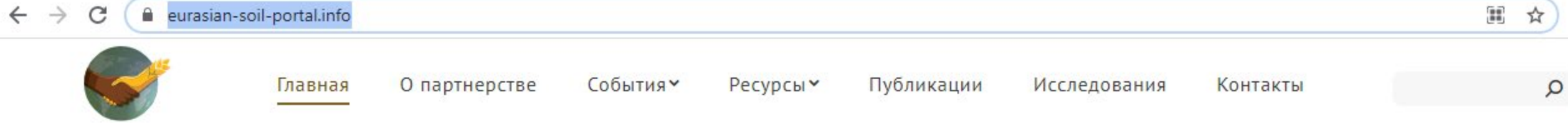
[Контакты](#)

A wide-angle landscape photograph showing a vast, open plain with a road in the foreground and mountains in the distance under a dramatic, cloudy sky. The text is overlaid on this image.

Евразийское почвенное партнерство
Здоровые почвы для здорового будущего!

(en. Eurasian Soil Partnership)

5 - eurasian-soil-portal.info - website updated!



Интернет-ресурсы

Ссылки преимущественно на русскоязычные источники, почвенные базы данных и фотобанки, новостные порталы



Публикации

Электронные версии изданий, вышедших при участии специалистов Евразийского почвенного партнерства



Мероприятия

Анонсы и итоги конференций, семинаров и других мероприятий по почвоведению и в смежных областях



Информационные технологии

Программные решения для ПК и приложения для смартфонов

(en. Online sources: mainly in Russian: data bases, photo, news)

(en. Publications: e-versions)

(en. Events: announcements and results)

(en. Information technology)