



With the technical cooperation of  
Food and Agriculture Organization  
of the United Nations



BRICS Business Council – AgriBusiness WG  
Diplomatic Academy of the Russian Ministry of Foreign Affairs  
Russian State Agrarian University – Moscow Timiryazev Agricultural Academy

**With the technical cooperation of  
Food and Agriculture Organization of the United Nations**

# International Symposium on CLIMATE & ENVIRONMENT SMART AGRICULTURE

14:00 – 16:00 | **15** | MOSCOW TIME  
MAY

BRICS Business Council Agribusiness Working Group, PHOSAGRO, Russian State Agrarian University — Moscow Timiryazev Agricultural Academy and Diplomatic Academy of the Russian Ministry of Foreign Affairs, with the technical cooperation of FAO's Liaison Office with the Russian Federation, co-organize **the International Symposium on Climate & Environment Smart Agriculture** to be held in online format of an open webinar **on May 15<sup>th</sup>, 2024**.

The Symposium is conducted in order to strengthen agricultural cooperation between BRICS member countries. Distinguished speakers from the National Academies of Sciences and leading experts will report on modern agrotechnologies and effective methods of sustainable and smart agriculture.

**The working language of the Symposium is English.**

**This link is for listeners only. The panelists will receive another personal link.**

Register in advance for this webinar:

»»» [https://fao.zoom.us/webinar/register/WN\\_ZZHX2wvdR5aYhZ\\_1UFuxhw](https://fao.zoom.us/webinar/register/WN_ZZHX2wvdR5aYhZ_1UFuxhw) «««

After registering, you will receive a confirmation email containing information about joining the webinar.



# Agenda:

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## 14:00 – Opening Ceremony

14:25 Session Chair: **Alexander A. Antonov**, Director of Department of International Development & Projects, PHOSAGRO

- **Prof. Alexander V. Yakovenko**, the Ambassador Extraordinary and Plenipotentiary; Rector, Diplomatic Academy of the Russian Ministry of Foreign Affairs
  - **Aghasi F. Harutyunyan**, Deputy Director, FAO Liaison Office with the Russian Federation
  - **Mikhail V. Sterkin**, Deputy CEO for Sales and Marketing, PHOSAGRO
  - **Prof. Vladimir I. Trukhachev**, Member of the Russian Academy of Sciences; Chancellor, Russian State Agrarian University – Moscow Timiryazev Agricultural Academy (video)
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## 14:25– 15:25 Plenary Session: CLIMATE SMART AGRICULTURE: BEST STRATEGIES IN BRICS COUNTRIES

Session Chair: **Vladimir V. Nosov**, Competence Centre, JSC APATIT, PHOSAGRO

- **Speeding Up to Promote Climate-Smart Agriculture**  
Prof. Yilai Lou, Institute of Environment and Sustainable Development in Agriculture, Chinese Academy of Agricultural Sciences, China
  - **Carbon Sequestration Potential in Arable Soils of Russia**  
Prof. Pavel V. Krasilnikov, Corresponding Member of the Russian Academy of Sciences, Lomonosov Moscow State University, Russia
  - **South Africa's Experience about Climate and Environment Smart Agriculture**  
Prof. Eric Mungatana and Dr. Willem De Lange, Stellenbosch University, South Africa
  - **Climate Smart Technologies for Carbon Sequestration in Eastern and Central Africa**  
Dr. Bashir Ahmed, Program Officer - Climate Smart and Digital Agriculture, ARC, Sudan
  - **Effective Carbon Sequestration Technologies in Ethiopian Agriculture**  
Prof. Solomon T. Tadesse, College of Agriculture and Veterinary Medicine, Jimma University, Ethiopia
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## 15:25– Session 1: CARBON TRADING IN BRICS COUNTRIES

15:35 Session Chair: **Vladimir V. Nosov**, Competence Centre, JSC APATIT, PHOSAGRO

- **Carbon Trading in BRICS Countries: Challenges and Perspectives**  
Ivan S. Barsola, Executive Director, Direction on ESG, SBERBANK, Russia
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## 15:35– 15:55 Session 2: OTHER KEY CHALLENGES OF ENVIRONMENT SMART AGRICULTURE IN BRICS COUNTRIES

Session Chair: **Vladimir V. Nosov**, Competence Centre, JSC APATIT, PHOSAGRO

- **Nanomaterials for Crop Protection**  
Prof. Fei Dang, Institute of Soil Science, Chinese Academy of Sciences, China
  - **Minimizing Heavy Metal Inputs with Phosphate Fertilizers**  
Dr. Vladimir V. Nosov, Competence Centre, JSC APATIT, PHOSAGRO, Russia
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## 15:55– CLOSING REMARKS

16:00 Aghasi F. Harutyunyan, FAO Liaison Office with the Russian Federation