



Global rice production trends and relevance for Africa

Makiko Taguchi
Agricultural Officer



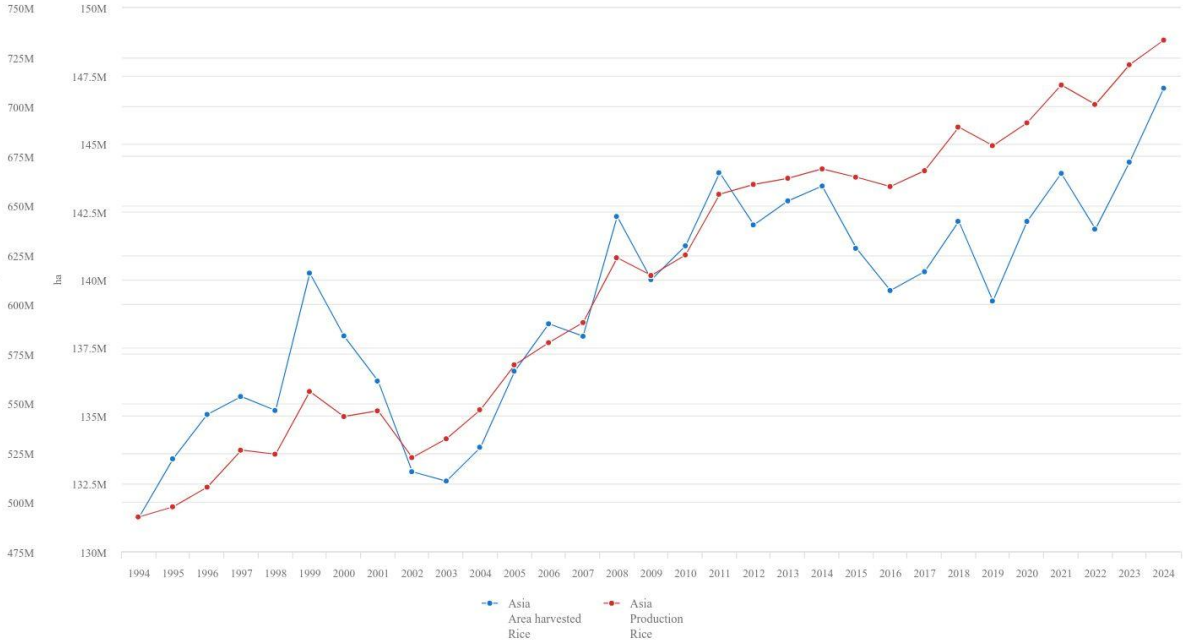
Plant Production
and Protection



Production and yield (Asia and the Americas)

Production/Yield quantities of Rice in Asia + (Total)

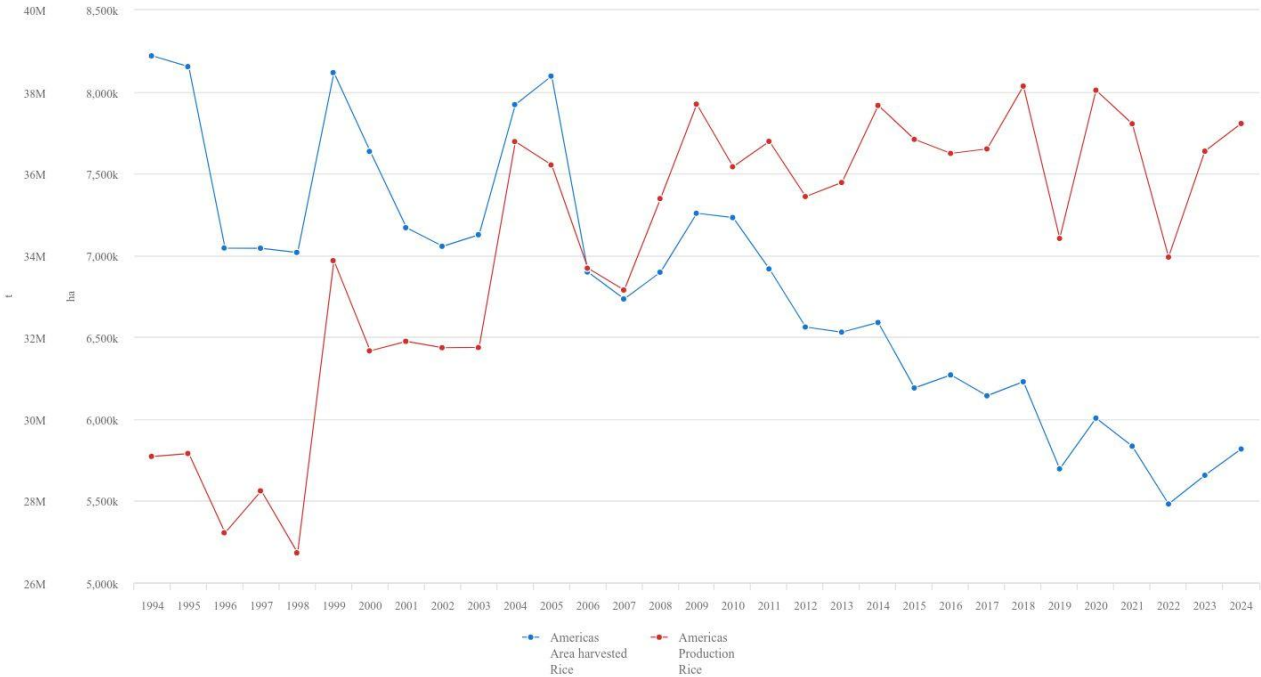
1994 - 2024



Source: FAOSTAT (February 27, 2026)

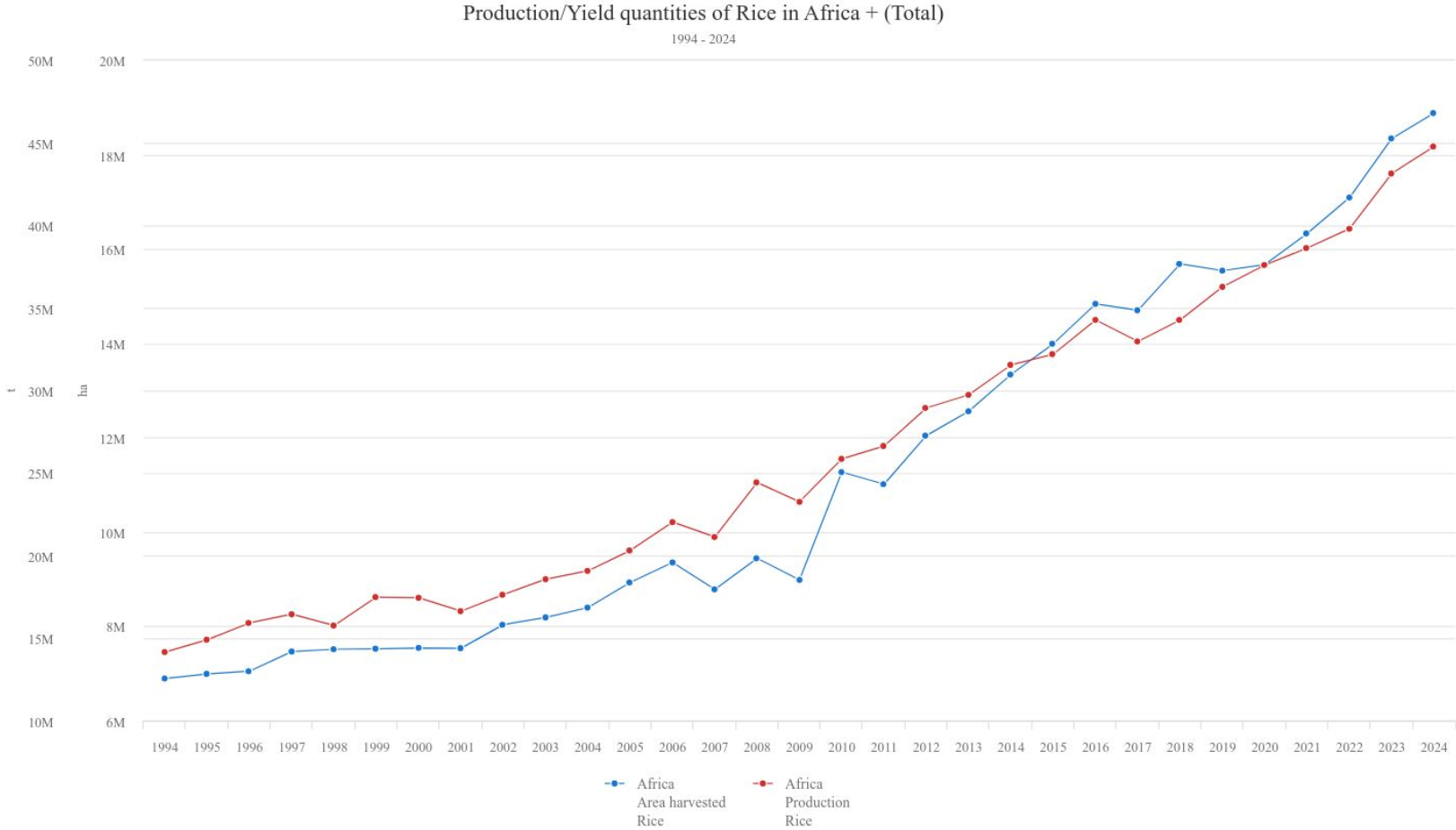
Production/Yield quantities of Rice in Americas + (Total)

1994 - 2024



Source: FAOSTAT (February 27, 2026)

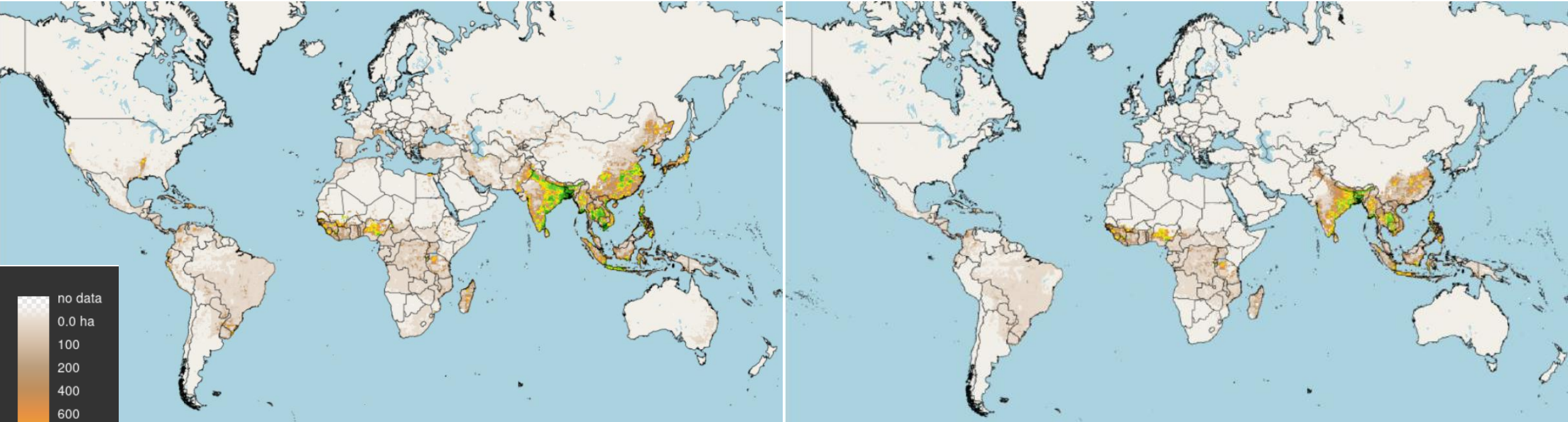
Production and yield (Africa)



Source: FAOSTAT (February 27, 2026)

Global rice production trends

Production area



Total rice harvested area

Rainfed rice harvested area

Downscaled harvested area (Global - 2020 - ~10 km) - GAEZ v5

International boundaries provided by United Nations Clear Map.
Map Credits
© MapTiler © OpenStreetMap contributors



Challenges faced by rice producers

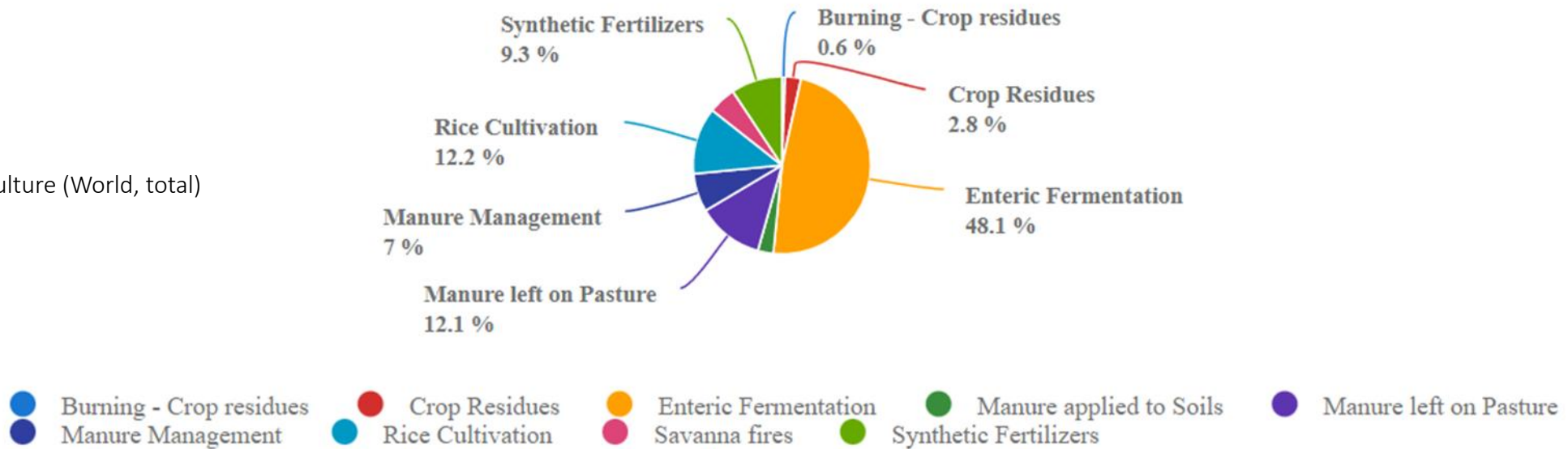
- Extreme climate events affecting production with increasing frequency
- Water scarcity
- Pests and disease
- Increasing cost of inputs
- Quality of inputs and outputs
- Availability of labour
- Land tenure, small plot sizes



Green House Gas emission in Agriculture

- Agriculture, Forestry and Other Land Use causes almost one-quarter of human GHGs
- Agriculture absorbs 26% of the economic impact of climate disasters, rising to 83% for drought in developing countries
- Climate change expected to push 122 million more people, mainly farmers, into extreme poverty by 2030

Share in IPCC Agriculture (World, total)
FAOSTAT 2023

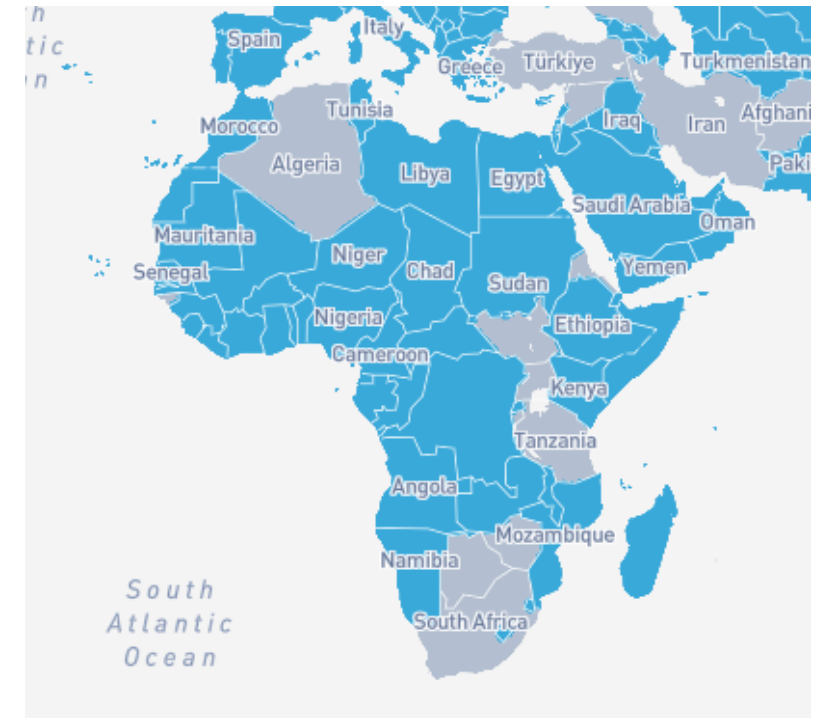


Global methane pledge

- Collective commitment to reduce global anthropogenic methane emissions by 30% by 2030 from 2020 levels
- 160 participants/signatories

Related initiatives

- FAO Actions for Reduction of Methane ([FARM](#))
- Climate and Clean Air Coalition (CCAC)
- World Bank (2023) Bending the Curve: A Triple-Win Blueprint for Global Methane Reduction



Current African signatories

Sustainable Rice Platform



- Global multi-stakeholder alliance comprising over 100 institutional members from the public, private, research, civil society and the financial sector
- SRP Farmer Field School Manual
- E-learning course on sustainable rice production



Sustainable Rice Platform
Performance Indicators
for Sustainable Rice Cultivation



Version 2.1
January 2020
www.sustainableice.org



Sustainable Rice Platform
Standard for Sustainable
Rice Cultivation



Version 2.2
August 2023
www.sustainableice.org



Plant Production
and Protection

Mechanization

Direct Seeded Rice (DSR) in Asia



Manual broadcasting

Direct seeding with simple device

Mechanical direct seeding

Drone direct seeding

Mechanization

Appropriate tools for a range of operations are needed to be made accessible to the producers and processors



Africa Conference on
**Sustainable Agricultural
Mechanization**
Innovate. Transform. Sustain.
3 – 6 February 2026
#AgriculturalMechanization



Sustainable rice production

Resource Mobilization



Global Environmental Facility



Green Climate Fund

- South South Triangular Cooperation
- Bilateral Cooperation



International Financial Institutions





Thank you