

October 2016



The International Treaty

ON PLANT GENETIC RESOURCES FOR FOOD AND AGRICULTURE



**EXPERT MEETING ON THE TOOLBOX FOR SUSTAINABLE USE OF PLANT
GENETIC RESOURCES FOR FOOD AND AGRICULTURE**

Volterra, Italy, 19–21 July 2016

Report

**Appendix 6: Sant'Anna School of Advanced Studies (SSSA) and its Engagement in
Agrobiodiversity**

INSTITUTE
OF LIFE
SCIENCES



Scuola Superiore
Sant'Anna



SSSA and its engagement in Agrobiodiversity

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Institute of Life Sciences, Sant'Anna School of Advanced Studies (SSSA)

Pisa: a University and Research city



Scuola Superiore Sant'Anna (SSSA)



University of Pisa

Pisa University System

Students = 49,785

Faculty = 2,005

Personnel = 3,419

Pisa Research System

Researchers = 1,800



Scuola Normale Superiore



National Research Council



SSSA: Institute of Life Sciences

- .Agricultural Sciences**
- .Plant Biotechnology**
- .Medicine**



Scuola Superiore
Sant'Anna



SSSA in the international arena

World Rank #10

Young Universities (<50 years)

THE (Times Higher Education) World Ranking

Posta in arrivo (16) - king x THE World University Ranking x Paolo

← → ↻ <https://www.timeshighereducation.com/world-university-rankings> ☆

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PhD in Agrobiodiversity

Mission

- To improve agroecosystems sustainability **worldwide** through the conservation and use of genetic resources for the well-being of present and future generations.
- To enhance **human resource capacities** in the use and management of genetic, species and habitat diversity in agroecosystems.



Our vision of Agrobiodiversity



Specific and habitat agrobiodiversity
(organic and low-input farming)



Specific agrobiodiversity (cover crops)
(low-input and organic farming)



Genetic agrobiodiversity
(common wheat in Northern Tuscany)



Agrosylvopastoral systems
(participatory research in Mali)

PhD in Agrobiodiversity

Facts and figures

- Funded by MiUR with the endorsement of National Academy of Science, FAO and Bioversity International
- Born 2004 (**12 cycles**, 13th cycle starts 1st Oct 2016)
- Minimum of **6** scholarships/year (3 years)
- **927** applications in 13 years (average: **71.3/year**)
- Applications from **98** countries in **5** continents
- **79** scholarships awarded to students from **30** countries

Our PhD and Ethiopia



- **152** applications from Ethiopia (**16.4%** of total)
- **13** scholarships (**8.6%** of applications from ET, **16.4%** of total scholarships)
- **Dr Eleni Shiferaw** (researcher, EBI)
- **Dr Dejene Mengistu** (lecturer, Mekelle University)
- **Dr Temesgen Olango** (lecturer, Awassa University)
- **Yosef Kidane** (Bioversity International & Arari)
- **Yohannes Gedamu** (Arari)
- **Hailie Shiferaw** (Arari)
- **Ermias Tesfaye** (Arari)

Why Ethiopia?



- . One of the agrobiodiversity hotspots**
- . Strong agricultural university and research system**
- . Excellent place for doing participatory research**



Looking ahead



- **Strengthening relationships with academic, research and other players worldwide**
 - **FAO and International Treaty on PGRFA**
- **Further contributing to capacity building through targeted training and education on agrobiodiversity**
- **paolo.barberi@sssup.it**
- **www.agrobiodiversity.science**



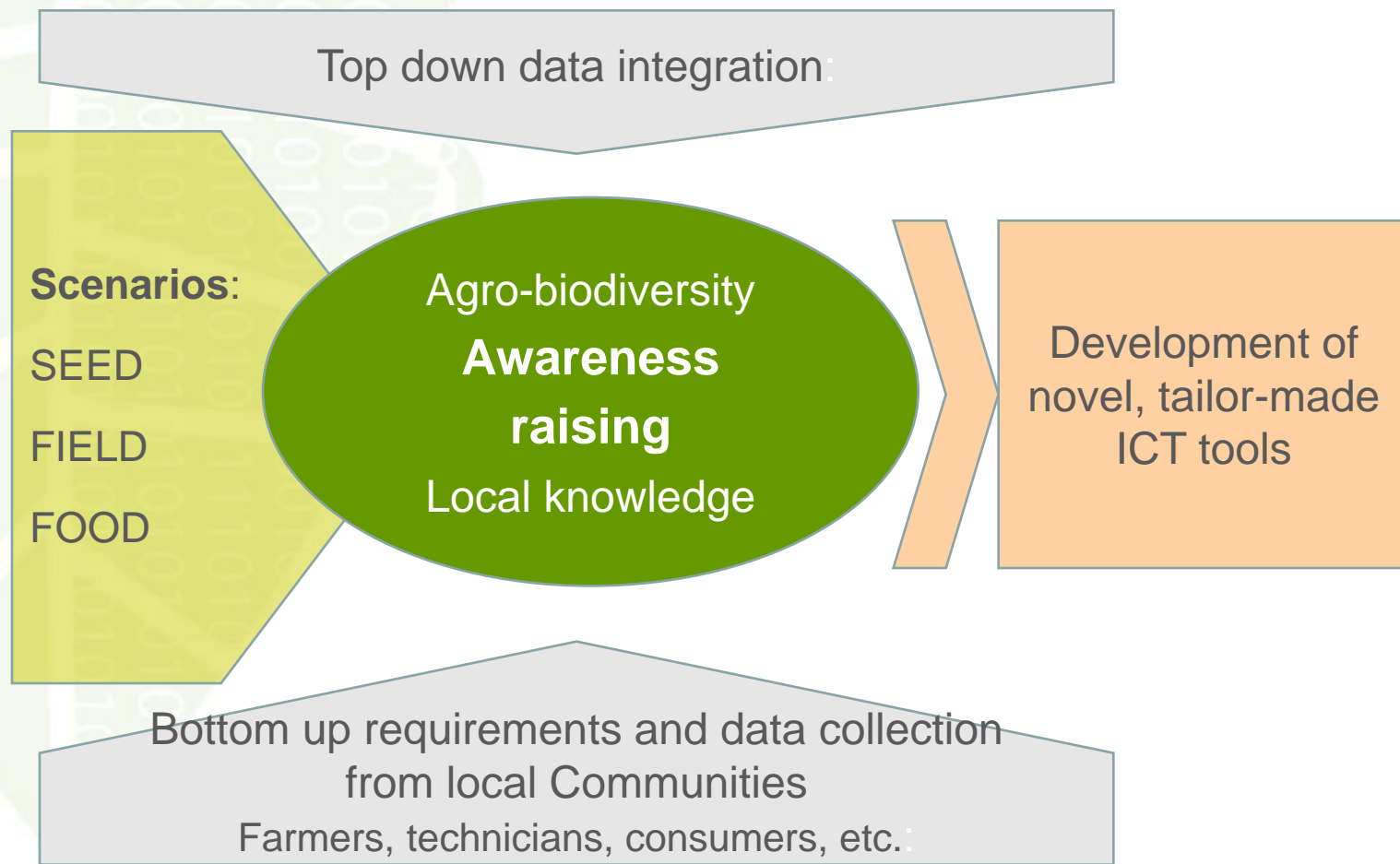
Collective **A**wareness **P**latformS for **E**nvironmentally-sound **L**and management based on data techno**L**ogies and **A**grobiodiversity

From Farm to Fork: Feeding the World with Data

Eleni Toli, ATHENA Research Center

www.capsella.eu

Community-driven participatory project





www.santannapisa.it

