

Climate Smart Agriculture in Europe and Central Asia Region



European commission/Flickr

Dr. Reuben Sessa,

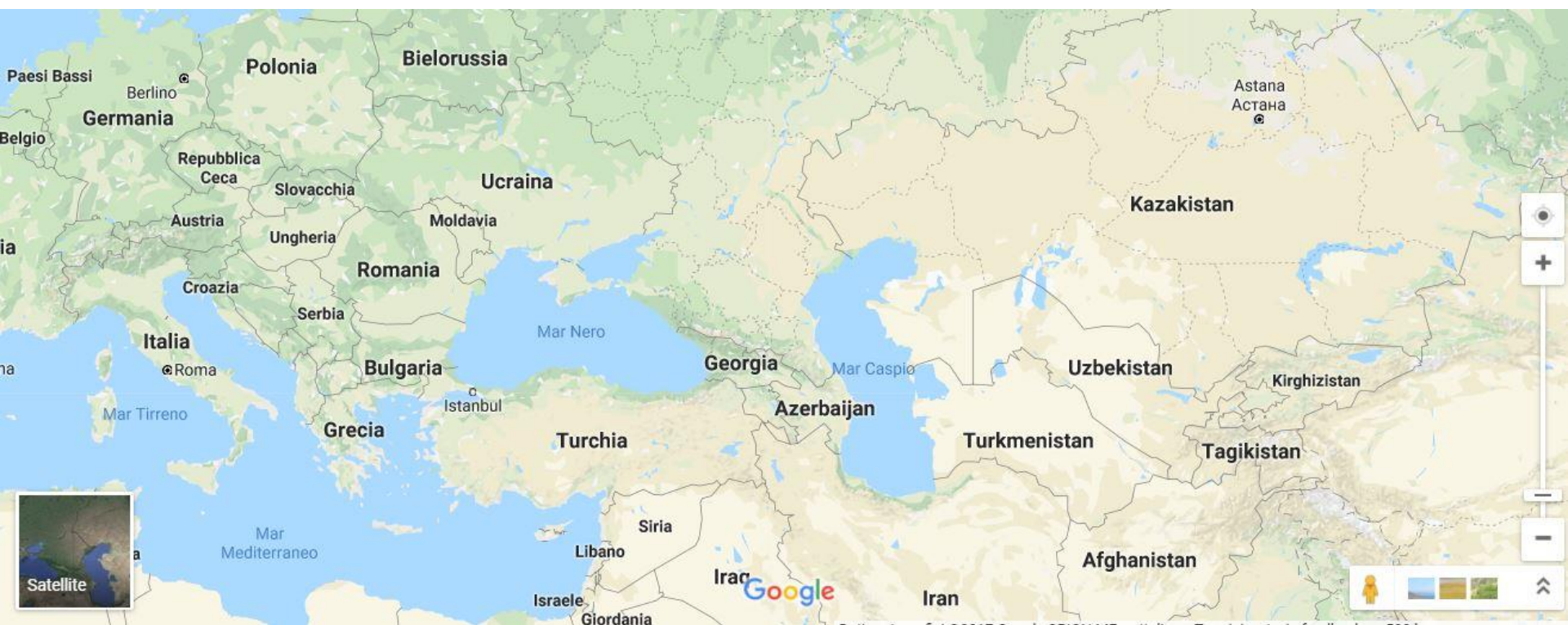
Climate Change and Energy Coordinator for Europe & Central Asia
FAO Regional Office for Europe and Central Asia



Food and Agriculture Organization of the United Nations

www.fao.org/climatechange

FAO REU region



Awareness and capacity building



FAO staff

Partners

Government



Food and Agriculture Organization of the United Nations

www.fao.org/climatechange

Climate Smart Agriculture

Azerbaijan
(2016-20)

Kyrgyzstan
(2015-17)

Moldova
(2016-19)

Albania
(2015-17)

Georgia
(2016-20)

Tajikistan
(2016-17)

Ukraine
(2016-19)

Montenegro
(2015-19)

Serbia
(2018-22)

Turkey
(2016-20)

Mitigation

Armenia
(2016-20)

Adaptation

Turkmenistan
(2014-18)

Kosovo
(2013-15)

Uzbekistan
(2014-17)

Kazakhstan
(2014-17)

Belarus
(2017-20)

FYR of Macedonia
(2013-15)

Caucasus

Central Asia

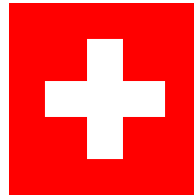
European CIS

SEE

What is being considered

Priorities: NAPs, Paris commitment, etc.

Donors:



GREEN
CLIMATE
FUND



SDG



SUSTAINABLE
DEVELOPMENT

GOALS

Others:

AGROECOLOGY



CSA 2.0?



Food and Agriculture Organization of the United Nations

www.fao.org/climatechange

Central Asia

Challenges
productivity/income, CC,
DRR, Energy

Regional

- CACILM-II project (GEF US\$65M)

National example

- Kyrgyzstan (GCF US\$40M, plus co-financing)
-



Caucasus

Challenges major
deforestation caused by
energy needs, ag/livestock,
ag vulnerability

National examples

- Georgia (EU CSA practices and enabling environment, Euro 8M confirmed + GCF in development on forest)
- Armenia (GCF US\$15M plus co-financing – under development)



Western Balkans

Transitioning from emergency response to preparedness and natural hazard reduction

In particular floods and drought

Regional: TCP

National examples

Serbia: EU 8M



AG interventions for reduction of natural hazards

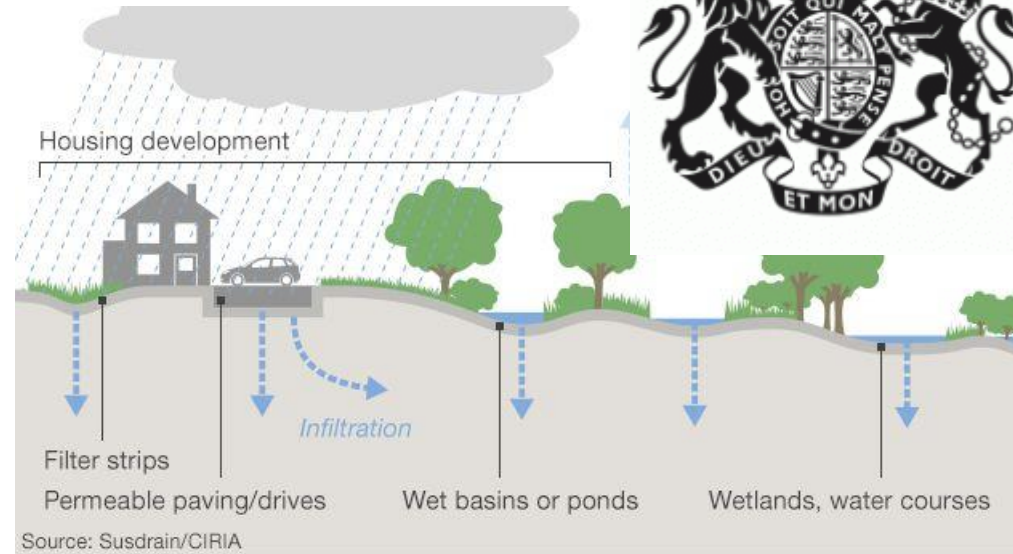
Incentive schemes to farmers to manage their land to reduce natural hazards.

UK EU farm grants

Whole river catchments

Benefit wildlife, slow the flow of water and improve water quality

underpinned by scientific evidence





Good Ag DRR/CSA practices

Criteria used for identification of GPs, e.g.:

- Extent of impact reduction;
- Suitability to agro-ecological conditions;
- Productivity & profitability enhancement
- Up front investments needs;
- Socio-economic & environment impacts;
- GHG emissions reduction;
- Knowledge & trainings needs.

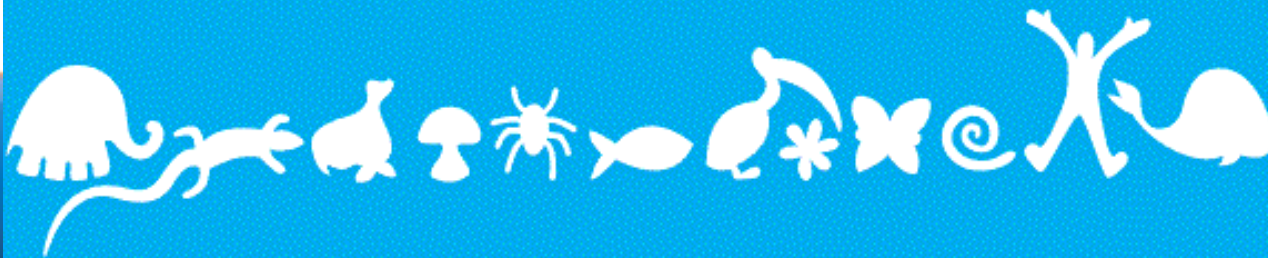


Youth:: engagement :: behavior change



Food and Agriculture
Organization of the
United Nations

MAKING IT COUNT
*INCREASING THE IMPACT OF CLIMATE
CHANGE AND FOOD SECURITY
EDUCATION PROGRAMMES*



Formal

Non-formal

Armenia

Macedonia

Scope: CCA/DRR/EU accession

FAO support

**National Agro-Ecological Zones
NAEZ – Google engine**

Policy/legislation

Agricultural and landscape practices

**Extension services and secondary
agricultural schools**

**Weather monitoring and agro-
meteorology**

Macedonia



**Next EU CAP: for
ecosystem services**

**National ag
incentives**



Next steps in the region

Regional Initiative 3: natural resources under cc

- **“ Flagships” countries for CSA approach**
- **Continued linkages with donors**
- **Strengthen the network, link to other networks and GACSA (but case by case technical assistance)**



Thank you!

For more information, please visit:

www.fao.org/climatechange

and

www.fao.org/climate-smart-agriculture

and

www.fao.org/gacsa

