



Food and Agriculture  
Organization of the  
United Nations

## Item 5

- **The establishment of global spectral free estimation services**

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**GLOSOLAN**  
**2<sup>nd</sup> Plenary meeting**  
**on spectroscopy**

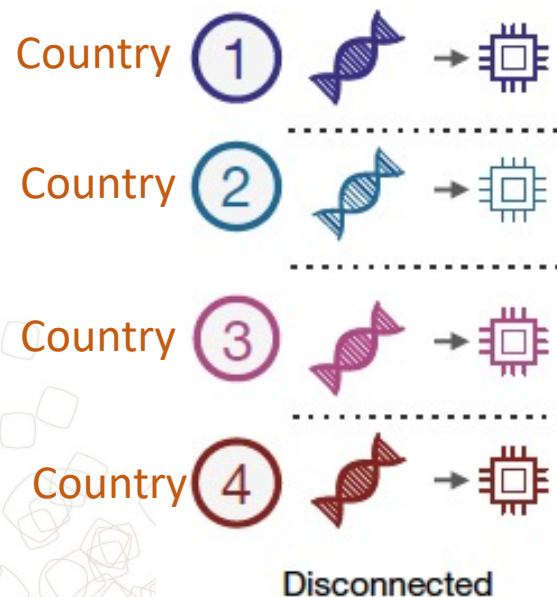
**2 - 4 November 2021**



# The establishment of global spectral free estimation services

The priority of GLOSOLAN-Spec : supporting countries to develop their own capacities

National libraries and estimation services

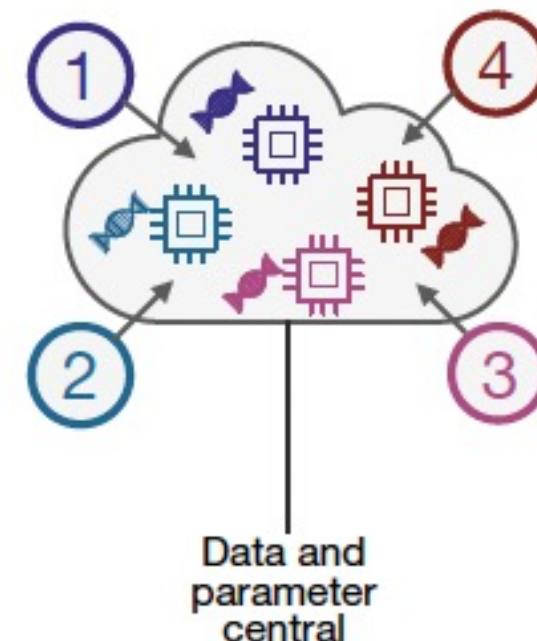


Shared national spectral library



Establishing global spectral free estimation services based on existing resources

Global spectral free estimation services

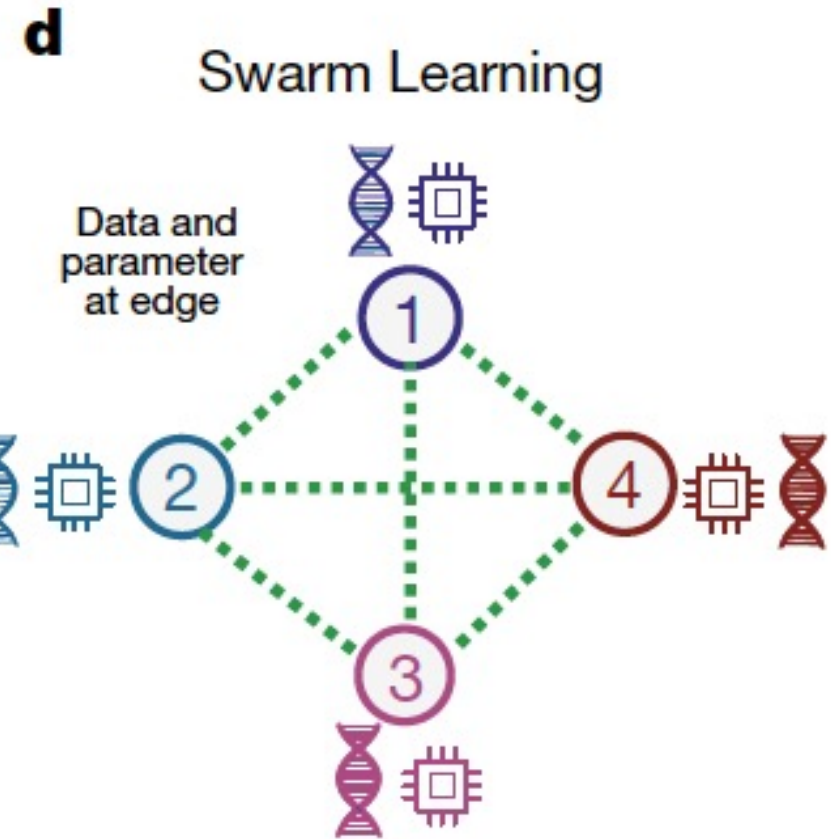
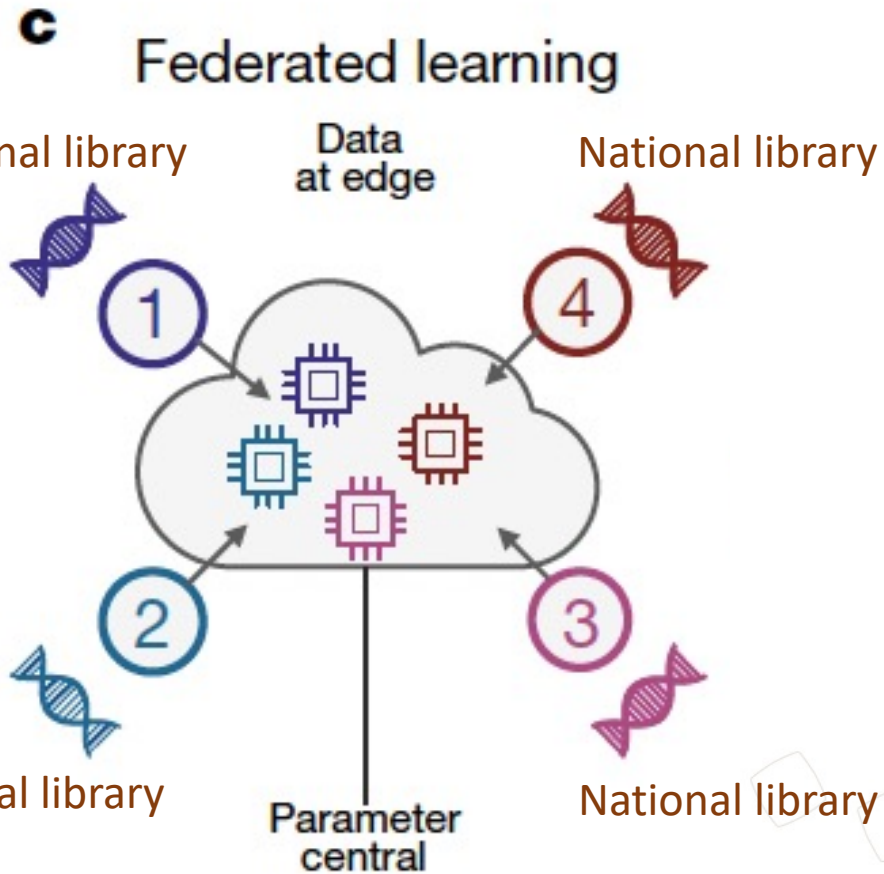


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# The establishment of global spectral free estimation services

- GLOSOLAN will first start to establish a global spectral estimation service based on current available open data resources and existing estimation platform.
- A country will join the development of global spectral estimation services on a volunteer base.
- A country can decide how much data to share for the establishment of global spectral estimation service.
- A country can decide whether the shared data will be an open resource or only use for the global estimation service. The condition of using such dataset for research and other purposes should be discussed and documented.
- The shared soil spectral library from countries will be hosted by GLOSOLAN only for providing estimation service purposes. GLOSOLAN only hosts such dataset under the framework of GSP data policy, and the country should have a full data license.

# Ultimate goal on global spectral free estimation services





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# Thank you



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