



Soil Security

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**food
security**



water

security



energy

sustainability

A bright yellow hexagon with a black border, containing the text "climate change" in bold black font.

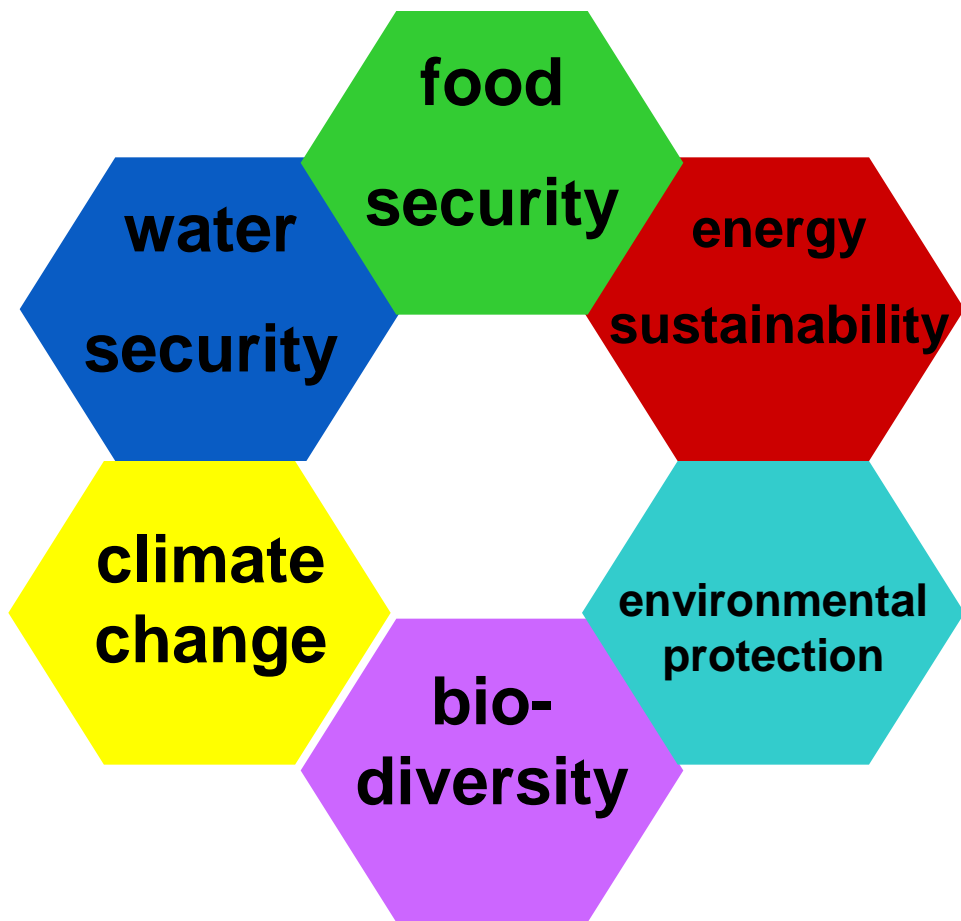
**climate
change**

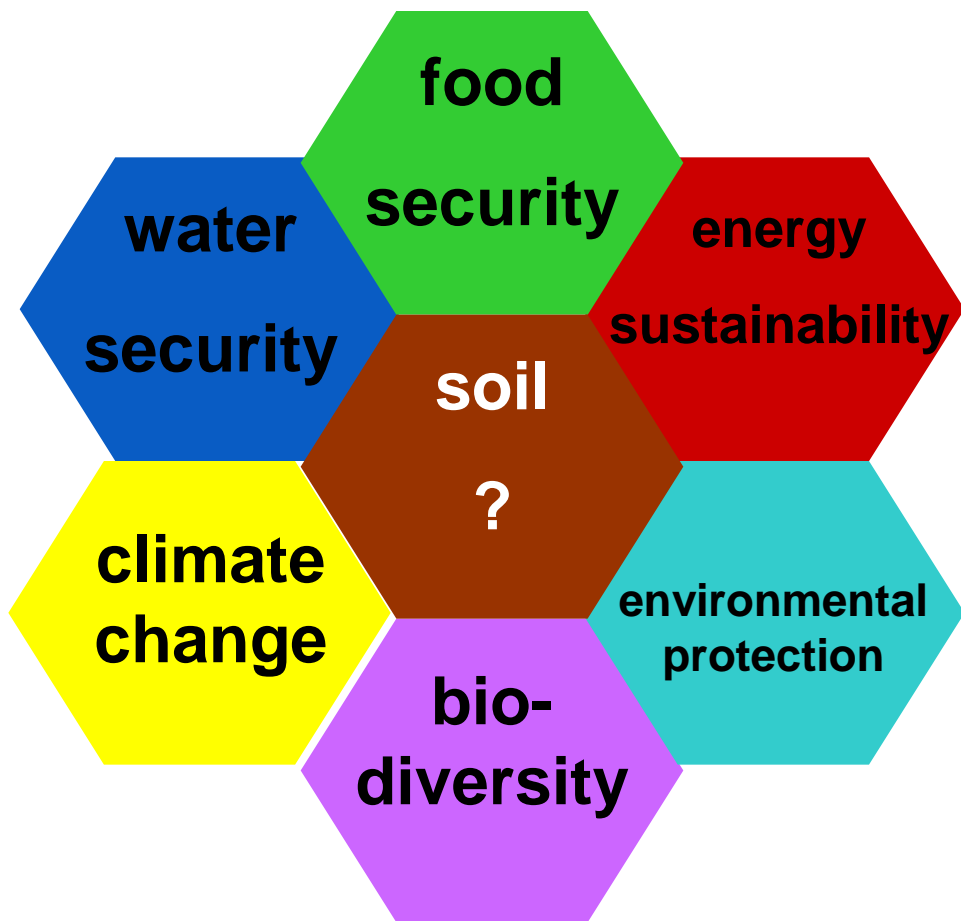


**bio-
diversity**



**environmental
protection**





soil

?

soil

?

Concepts

Soil conservation

Soil suitability

Soil quality

Soil health

Soil function

Soil sustainability

Soil protection

Soil care

Protection

defence; safety

Security

defence, protection; guarantee; safety;
firmness

security

**defence, protection; guarantee; safety;
firmness**



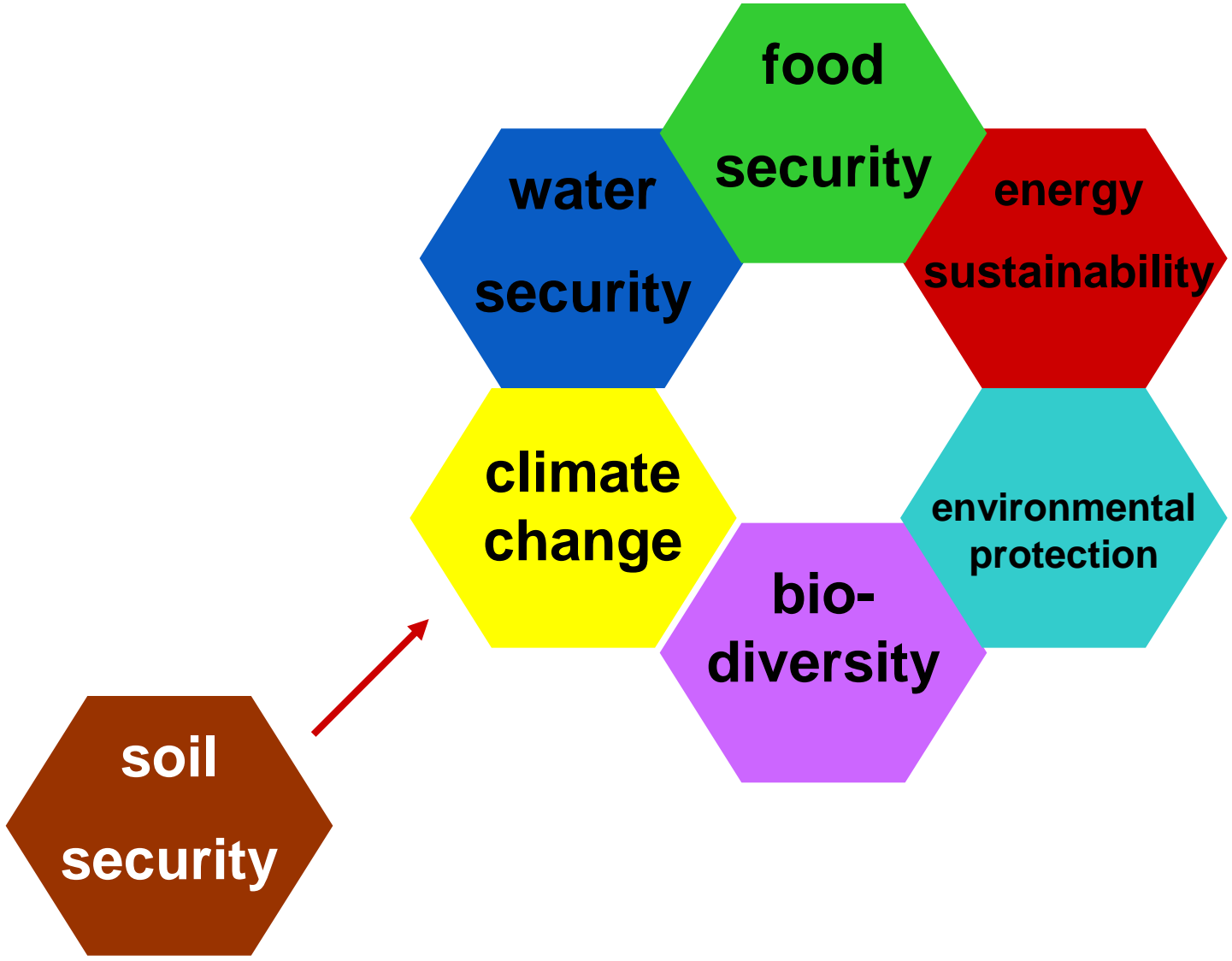
soil

security

Soil security is the maintenance or improvement of the world's soil resource so it can provide sufficient food and fibre, fresh water, contribute to energy sustainability and climate stability, maintain biodiversity and overall environmental protection and ecosystem services.

Whither soil security?

**Climate change mitigation is not the sole
(nor principal) reason, there are (at least)
five others**



Soil carbon is the key indicator

Global soil initiatives

International effort to achieve Soil Security

Carbon carbon carbon

in relation to (inter alia)

Intrinsic and extrinsic biodiversity

Food security and human health

Natural capital and ecosystem services

