A Study Process for The Economics of Ecosystems & Biodiversity for Agriculture and Food Initiative in India

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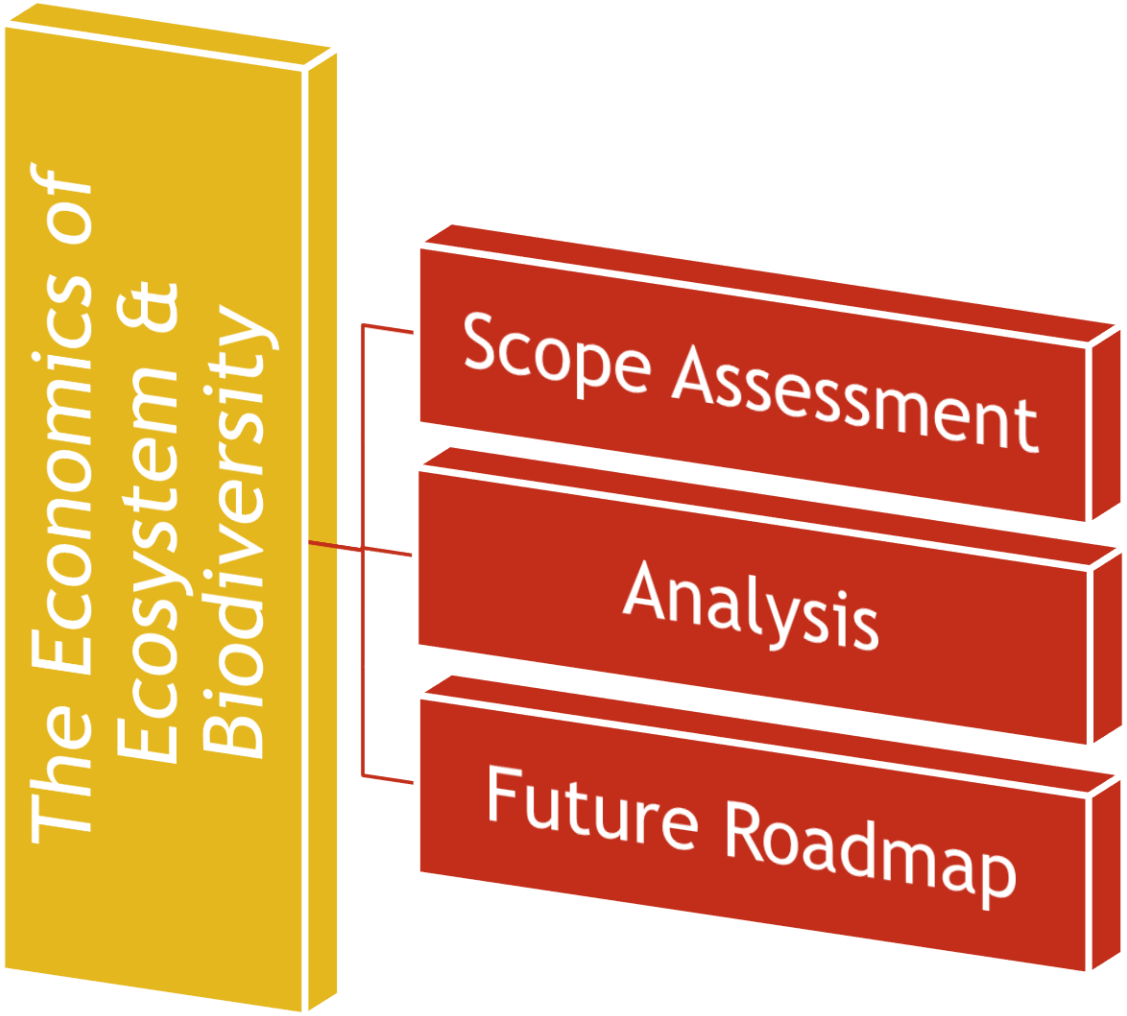
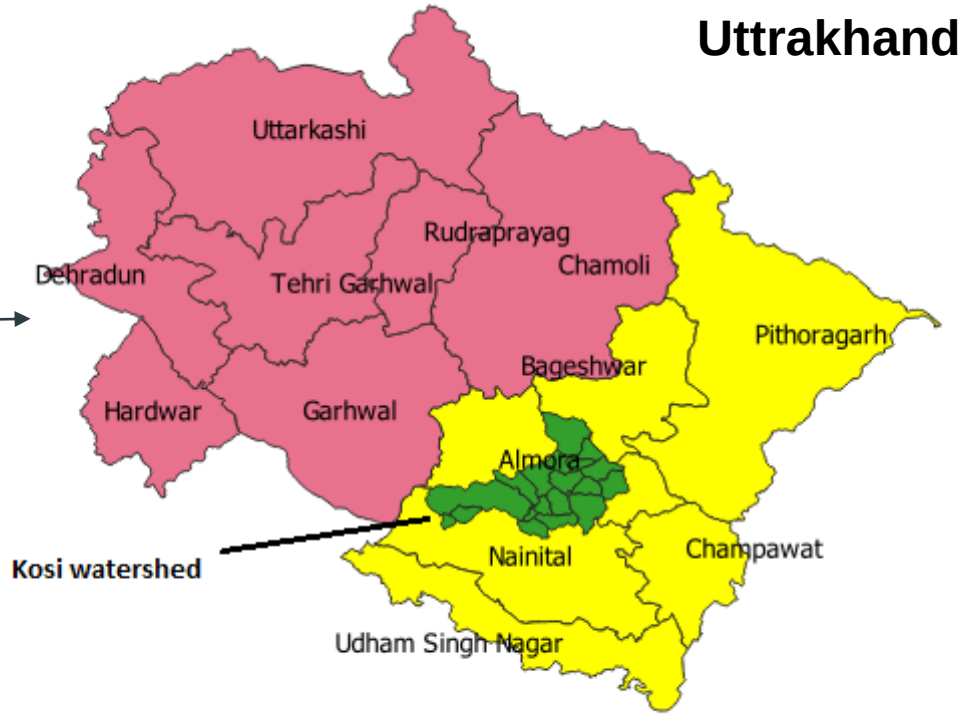
About the TEEB Agri Food project goals in Uttarakhand…



Policy for the Farmer and its future

- Inform policy about overtime impact of organic farming in Uttarakhand
- Formulate solutions based on food systems approach which endorse synergy between natural, human, social and manufactured capital.
- Support spatial planning of agricultural production to maximize ecosystem services
- Evaluate the economic case for scaling up organic farming and agroforestry
- Inform sustainable food production policy intervention, such as policies related to pollution, pesticide and fertiliser use, sustainable value chains, market linkages and certifications.

Study Region



- Uttrakhand Area - 53483 km^2
- (13.92% Plain and 86.08% Hilly)

Village-Bidaura, Udham singh Nagar

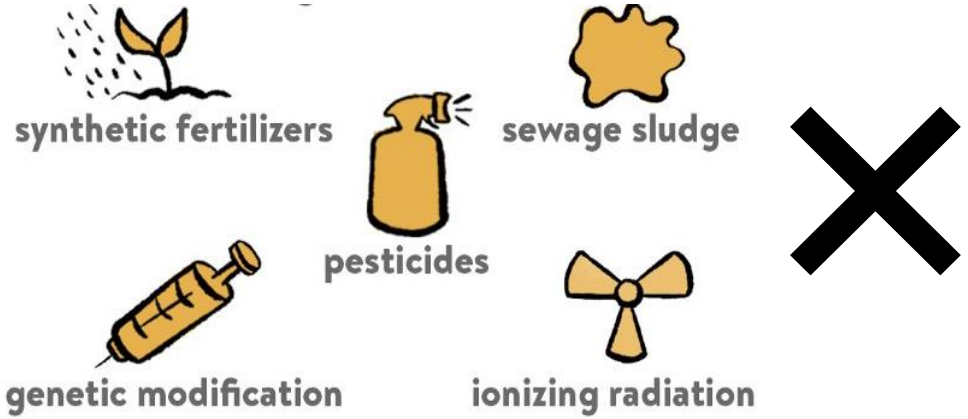
Village-Sunkiya, Nainital

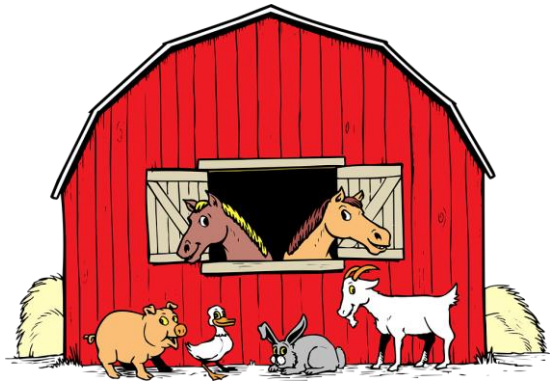
Thematic Session 2: Can Labelling and Certification Make an Impact?

What we offer when said " ORGANIC"

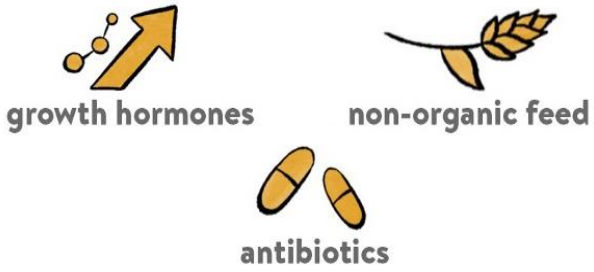
The "organic" label requires extra time, quite a bit of extra money and strict inspections from the government to ensure no chemicals, antibiotics or synthetics are involved in the growth of organic goods

Grown Naturally with Organic inputs





Raised on Organic feed



Organic Labelling across the world

EU organic products: Regulates from production, processing and labelling organic produce in EU. Placing the Euro leaf logo is mandatory.

USDA Organic: strictly defines- what is 100% organic, organic and made with organic ingredients

Japanese Agricultural Organic Standard: The certified products are identified with the official JAS organic seal of the Japanese government

Organic Food China: **Recognized nationally Govt as well as IFOAM**

Organic Certification of food products in India

National Programme for Organic Production (NPOP)

- Functions under APEDA
- Relevant for export of organic goods
- recognized by European Commission and USDA

Food Safety & Standards (Organic Foods) Regulation, 2017

Hindi Logo

English Logo

- Introduced by Food Safety and Standards Authority of India (FSSAI)
- mandate to regulate manufacture, distribute, sell or import "organic foods" as per the provisions laid under Section 22 of the Food Safety Standards Act, 2006.

Participatory Guarantee System for India (PGS-India)

- A farmer group centric certification system
- Relevant for local and domestic market
- emphasize the participation of stakeholders, including producers and consumers

Challenges- Farmers Vs Consumers

- Lack of confidence in organic practice
- Lack of support and risk coverage during
- transition to organic cultivation
- Yield losses
- Lack of market linkages
- Lack of training & Quality input

- **Organic priced higher than conventional**
- **Concerns about credibility**
- **Less availability and accessibility**
- **Limited awareness on linkages of organic and/or natural farming with sustainability, environment etc.**
- **Lack of awareness or conviction about health linkages**

Thank you