BARRIERS

AGRICULTURAL REGULATION IN NEPAL

BARRIERS TO AGRICULTURAL REGULATION IN NEPAL

National agricultural systems are hierarchically
organized
District > VDC (village development community)
> Cooperatives
This is the route of subsidized fertilizer, micro-
finance, and government ag advisory services
All subsidized fertilizer flows through these channels

RESOURCES

DATA SETS

GEONODE

TECHNICAL and BUSINESS SUPPORT

http://datadrivenfarming.challenges.org/resources/

DATA SETS
(GENERAL TO TIMELY AND CONTEXT SPECIFIC) DATA

Data sets

Entrants might find below data sets useful in developing their ideas.

The data sets have been organised in the following categories:

Nepalese Data, Global Agriculture, Open Data Portals, Food & Nutrition.

Examples:

CIMMYT 2016 Rice Survey

Nepalese Data sets

Georeferenced crop cut yield measurement, agronomic measurement, and socio-economic measurement data.

Source: CYMITT

For the link contact

Shashish.MAHARJAN@cgiar.org

Government of Nepal Soil Data

Nepalese Data sets

Georeferenced soil data for selected geographies of Nepal.

Source: Government of Nepal/CIMMYT

For the link contact

Shashish.MAHARJAN@cgiar.org

CIMMYT DATA RESOURCES AND AVAILABILITY

Agronomic datasets

    1000+ Georeferenced crop-cut data

        Rice and wheat

        Includes socio-economic data

    National soil data archive

    National agricultural production data

        Multiple crops

        Low spatial resolution

    Weather data

        Rainfall, temp, and other meteorological data from 1956 to 2014

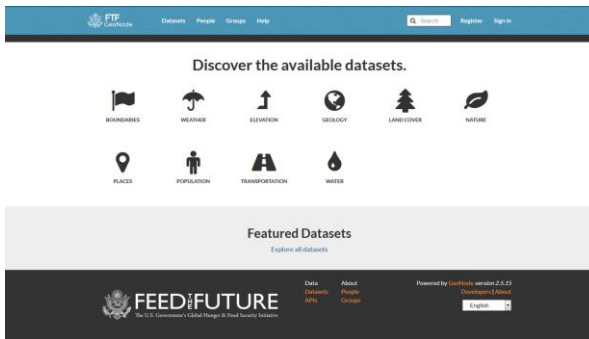CIMMYT will post data to the Data-Driven Farming Prize Geonode.
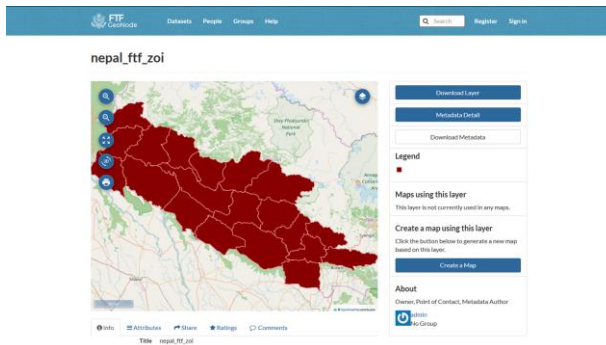
DATA COMPILATION AND FILTERING

SOME EXAMPLES

The Data-Driven Farming GeoNode has aggregated partner and external datasets on topics including weather, topography, population density, roads, political boundaries, etc.

You can use GeoNode to view, layer, and filter different data sets to answer some of the key farmer questions and needs.

Example: "How to bring products to market?"
Layer datasets on Feed the Future Zones of influence, roads, markets, and landslides to identify promising routes.

TECHNICAL AND BUSINESS SUPPORT

Microsoft Innovation Center, Nepal:

For 10 finalists:

- **Access to cloud services:** Microsoft BizSpark is a global program that helps startups succeed by giving them free access to Microsoft Azure cloud services, software, and support. BizSpark startups receive five Visual Studio Enterprise with MSDN subscriptions, each with a $150 monthly Azure credit. This totals $750/month across all five developers to spend on Azure services. These benefits are available for one year.

- **Mentoring support**