



Crop Insurance

Location: India

Organisation



Introduction

- Agriculture insurance in India is largely untapped and the premium from this category has a potential to touch \$1billion in 3-5 years.
- All India penetration of insurance is just 22 percent (of cropped area)
- Under the existing crop insurance scheme only 39% farmers are covered and 10% of it are really benefiting
- There was a need to build an intelligent system that will help evaluate risks and exposures for potential clients

Use Case

Pricing: Understand factors such as rainfall, temperature, humidity that affect crop yield to make the right decision on pricing the crop insurance premium.

Claims: Processing claims with respect to compensation, restoration and repayment in response to loss or damage. GIS assists in understanding where risk happens and where customer locations are.

Quick access to maps & data: Facilitating in creating business reports for organization's stakeholders in terms of spatial / non spatial outputs through easy access of Geo data.

Our Solution

GeoSpoc built a model that could summarize the impact of surrounding natural environment on crop using automated GIS tools. This single platform built using ESRI's ArcGIS tool ensured access to insurance group, be it companies, agents or customers to overlay data from different sources and analyse their insurance policies over respective areas and make smart decisions.

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