

The Climate Shield is a initiative to build complete protection against the natural hazards exacerbated by the climate change for natural entities, natural resources and livelihoods resulting in enhanced human security



Drought

- Build resilient agricultural pattern, practices and skill based village industries
- Ensure micro-financing, increase of farmers' income, build entrepreneurship and cooperatives in place of labour employment and individual marketing
- Develop agricultural predictions, risk assessment and strengthen insurance mechanism
- Enhance micro-water resources, Strengthen technology based access to health and build foodgrain barter mechanism
- Predict IDP and develop local solutions of demographic retention



Flood

- Map and predict micro-level flood impacts based on terrain models and local landuse. Build flood control OR flood tolerance mechanism where possible
- Retrofit flood adaptations to vulnerable housing and property and businesses
- Predict loss of soil resources and biodiversity and prepare adaptation measures
- Prepare realistic risk assessment and flood damage intelligence to rationalise insurance
- Predict IDP and develop local solutions of demographic retention



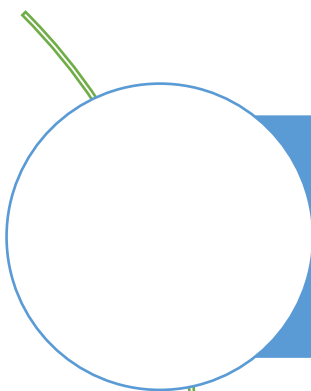
Storm

- Develop local level storm intelligence in terms of prediction of loss of lives and property
- Develop storm adaptations to buildings, housing, critically located shelters and storm tide-over mechanisms
- Develop storm protection systems like mangroves and wetlands
- Develop realistic risk assessment and forecast intelligence to rationalise insurance industry
- Predict realistic risk assessment and flood damage intelligence to provide local support for demographic retention and avoidance of IDP

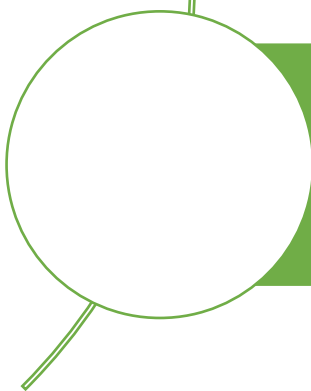


Fire

- Develop local intelligence about wild fire predictability, factors and methods of mitigation.
- Work with local authorities and build wild-fire mitigation preparedness and response
- Review local level wild-fire disaster preparedness and develop shelters, escape routes, drills, protection measures to lives and properties
- Reduce the potential of emissions
- Develop protection measures to greenery and reduce the possibilities of desertification
- Predict realistic risk assessment and fire damage intelligence to provide local confidence to insurance industry and support for demographic retention to avoid IDP



ARDEAF will converge data, information, expert opinions, expert groups, administrative provisions, political strategies, demographic realities and socio-economic provisions in building climate resilience



ARDEAF will converge the services of contractors, consultants, technologies, climate funds, communication channels and industry in building climate resilience