AI GEO NAVIGATORS™

Where AI turns climate data into evidence, and we turn evidence into decisions.

AI Geo Navigators is redefining how the world is mapped with intelligence, sustainability, and ethical transparency at every step.

ABOUT US

- AI Geo Navigators transforms climate and environmental data into ***actionable insights*** through Geospatial-AI, GIS, remote sensing, and advanced analytics.
- We enable climate adaptation, disaster risk reduction, ESG reporting, sustainability strategy, global collaboration, and capacity building for the **next generation of climate and AI leaders**.

VISION

- To be the leading force in geospatial innovation,
- Empowering communities and organizations through intelligent mapping, sustainable data solutions, and digital transformation
- Creating a resilient and informed world.

MISSION

- To deliver cutting-edge geospatial and digital solutions
- Data-driven decision-making
- Enhance climate resilience
- Support sustainable development through AI-driven innovation, collaboration, and capacity building across diverse sectors and communities.

CORE TEAM

Five operators. Two countries. One mission.

Backed by 30+ climate, GIS & AI specialists and an 3-member advisory board.



ASIM JAVID

Founder & CEO

Sets technical & strategic strategic direction across all all four offices.



ANMOL ASIM

Co-founder

Co-founded the firm; partners across product, science & growth.



OWAIS ALI

Chief Operating Officer

Runs operations across all 4 all 4 offices & 15+ active projects.



UZMA JAHAN

Global Office Lead

Coordination Manager. Bridges PK delivery & US HQ.

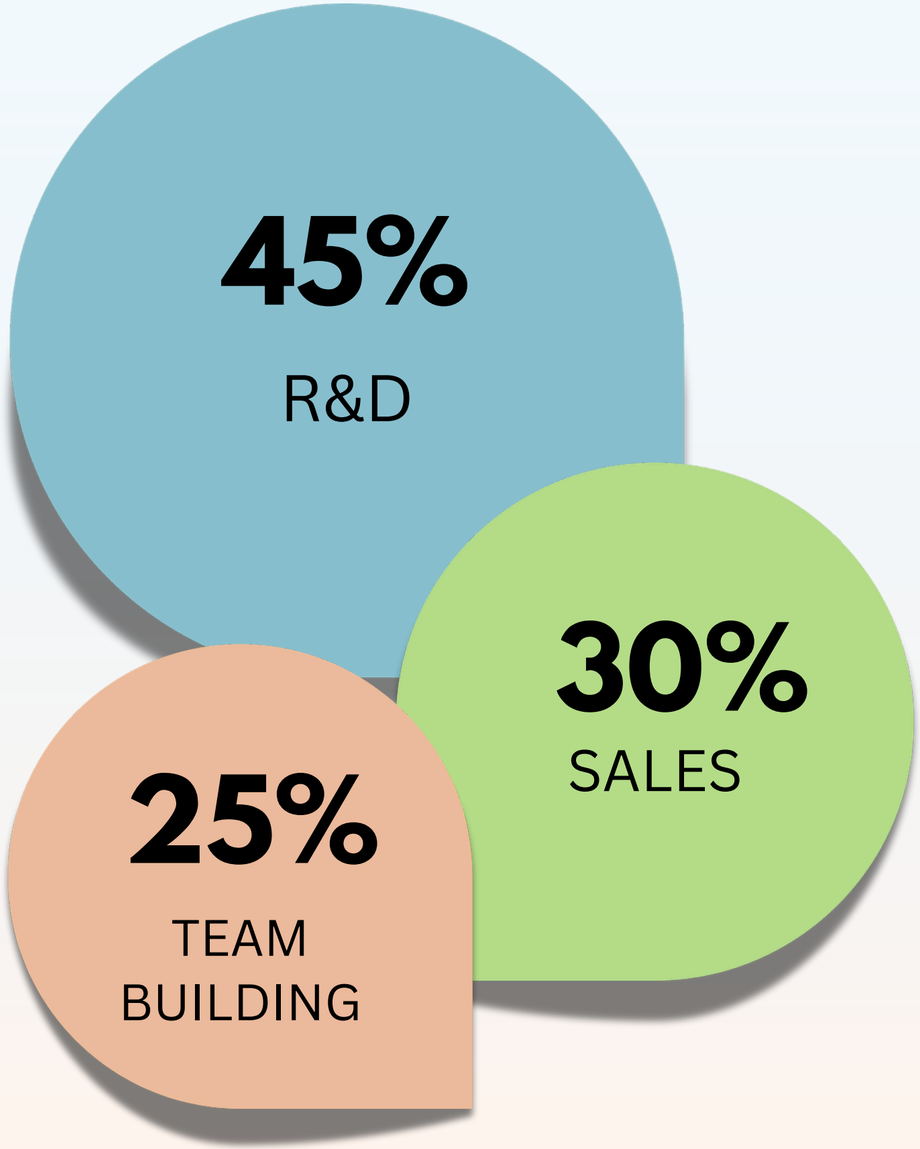


MANSOOR ADIL

Global Coordinator

Coordinates global-office office delivery & client communications.

FUNDRAISING (SEED fund)



OUR INTEGRATED SOLUTION PACKAGES

SMART URBAN & RURAL TRANSFORMATION

- Land Use Mapping
- Infrastructure Planning
- Language
- Web GIS Portals
- ESG Analysis

CLIMATE RISK & RESILIENCE INTELLIGENCE

- Climate Risk Assessments
- Hazard Mapping
- Early Warning Systems
- ESG Analysis & Reporting
- Water Resource Modeling & Management

INTELLIENCE DECISION SYSTEM

- Al & Machine Learning
- Large Language Models
- Data Integration
- Predictive Analytics
- Real-Time Monitoring

ENVIRONMENTAL TRANSFORMATION & ESG INTELLIGENCE

- Carbon Reporting
- Impact Assessments
- ESG Dashboards
- Biodiversity Monitoring

DIGITAL ENGAGEMENT & ADVOCACY INTELLIGENCE

- Strategic
- Communications
- Al Chatbots
- Digital Campaigns
- Policy Advocacy

APPLIED TECHNOLOGY

Multi-source Data

- Aerial & Drone Surveys
- Ground Truth Surveys
- Climate & Meteorological Datasets
- Socio-economic & Demographic Data

AI-Assisted Processing

- Climate Vulnerability & Exposure Modeling
- ESG Analytics & Sustainability Reporting
- Automated Image Classification & Feature Extraction
- Spatiotemporal Change Detection & Monitoring
- Strategic Environmental & Social Impact Assessments
- Cloud-native Geospatial Databases & Web GIS
- Cadastral Mapping & Land Digitization

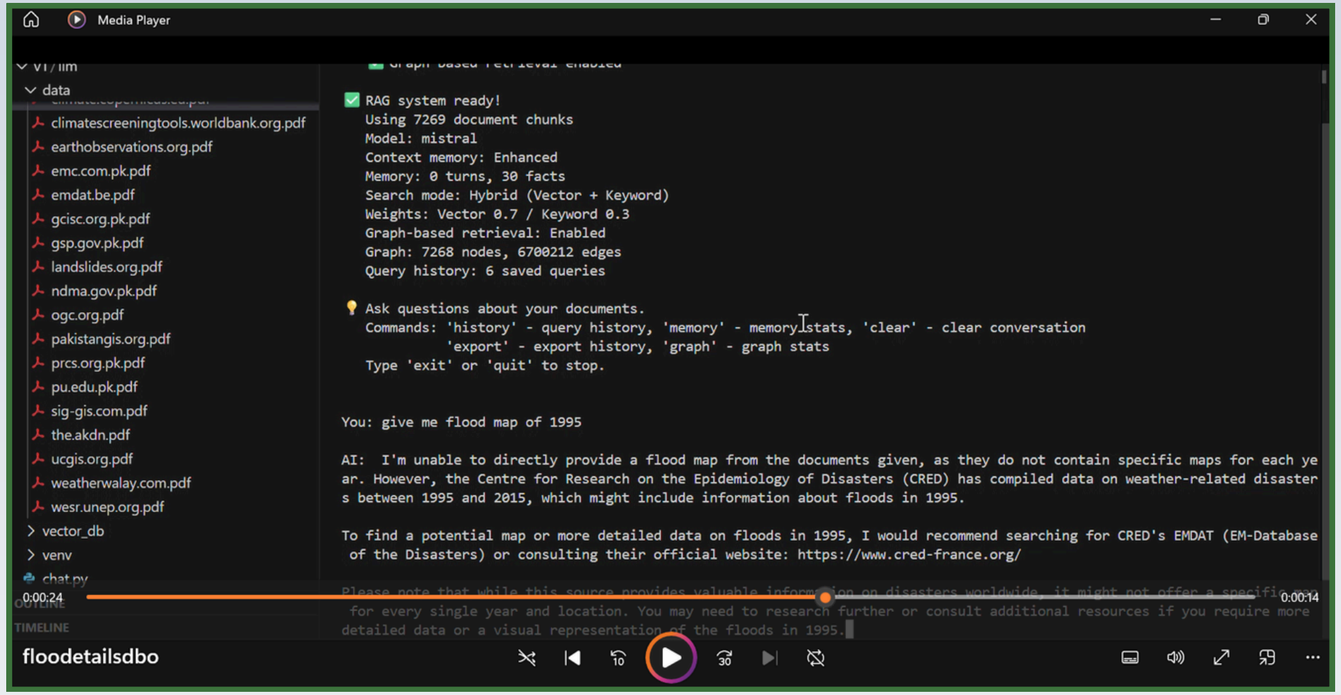
Applicable Outputs

- Multi-Hazard Early Warning & Risk Portals
- Geospatial Decision Support Systems
- Real-Time Asset & Property Visualization
- Climate Resilient Infrastructure Planning
- Predictive Geospatial Analytics & Scenario Modeling

OUR PROJECTS

- Environment Management Plan-MASTER GAS SYSTEM EXPANSION PHASE-III PKG1-Upgrade Existing BGCS1,3 & 5 (on-going)
- GIS-Driven Environmental Impact Assessment
- Real Time Property Visualization For Mumtaz City
- Cadastral Mapping of Tehsil Daska, District Gujranwala
- THINKTANK GROUP Services - ERP Solution
- Carbon Credits: A Market-Based Approach to Reducing Emissions
- Cadastral Mapping of Yazman Tehsil, District Bahawalpur
- MHVRA Web Portal for District Administration Astore
- MHVRA-Muzaffarabad. Pakistan Hazard Portal
- Site suitability, assessment and contouring of solar and wind power sites
- Evaluation of Different Approaches to Mangrove Reforestation and Rehabilitation in the Indus Delta
- Multi-Hazard, Vulnerability, and Risk Analysis of the 1.5 MW Hydropower Facility at [Budalas], Nagar, Gilgit-Baltistan
- AI-Powered Weather & Water Resource Monitoring System
- AI-powered geospatial intelligence for the industrial applications (Professional Development Program for 2026)
- Smart Automation System for TSE Pump Management and Distribution Optimization System

OUR FLAGSHIP PRODUCT



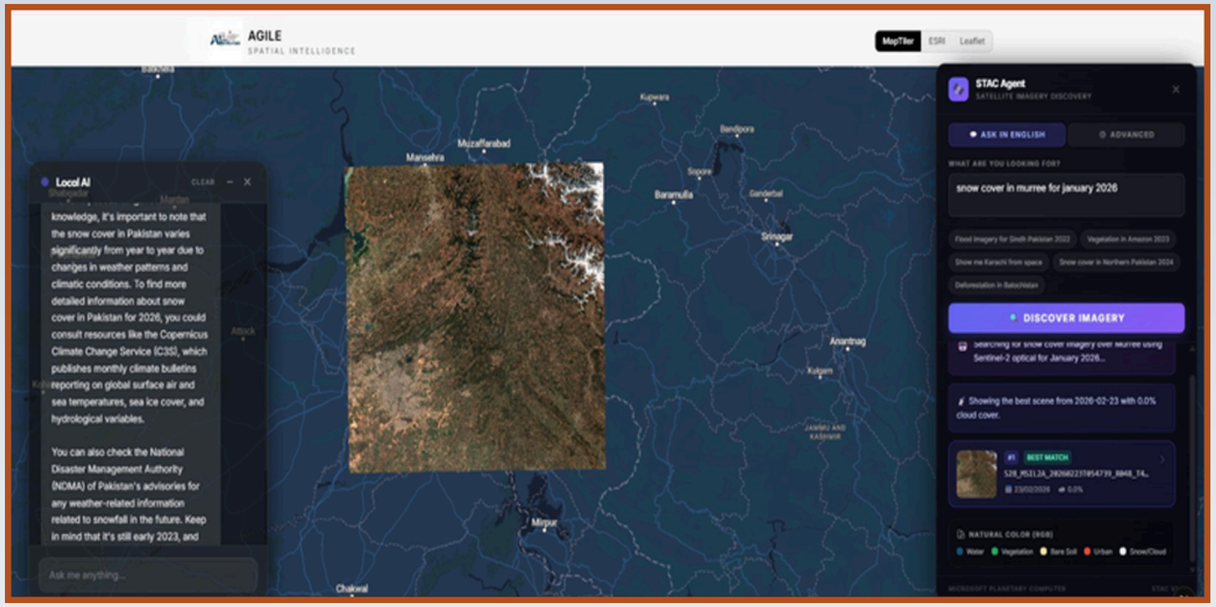
DBO

(Digital Brain of Organization)

DBO is a custom-developed Agentic AI platform for organizational intelligence, designed to function as the organization's digital brain.

Transforms complex data into clear, meaningful insights. It understands user needs, retrieves relevant information, analyzes multiple data sources, and presents results through intuitive visualizations, helping users explore information and make better-informed decisions with ease.

OUR FLAGSHIP PRODUCT



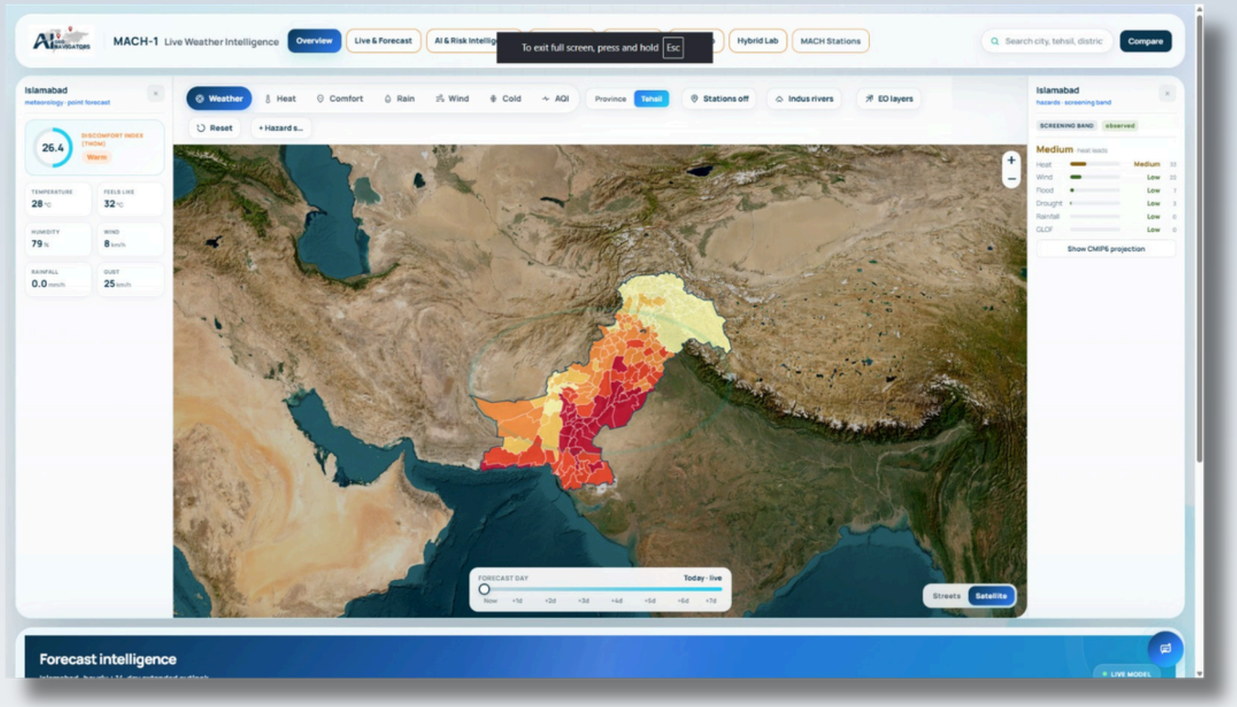
AGILE

Autonomous Geospatial Intelligence & Learning Engine

AGILE Spatial Intelligence is an AI-powered spatial analysis platform that converts natural-language questions into actionable environmental insights. Organisations can query conditions such as rainfall, drought, flood extent, vegetation health, urban growth, air quality, and coastal risk for any location and time period, and receive interactive maps with concise, decision-ready summaries.

By making satellite and climate intelligence accessible without specialised GIS expertise, AGILE enables faster, evidence-based decisions across planning, agriculture, risk management, and sustainability

OUR FLAGSHIP PRODUCT



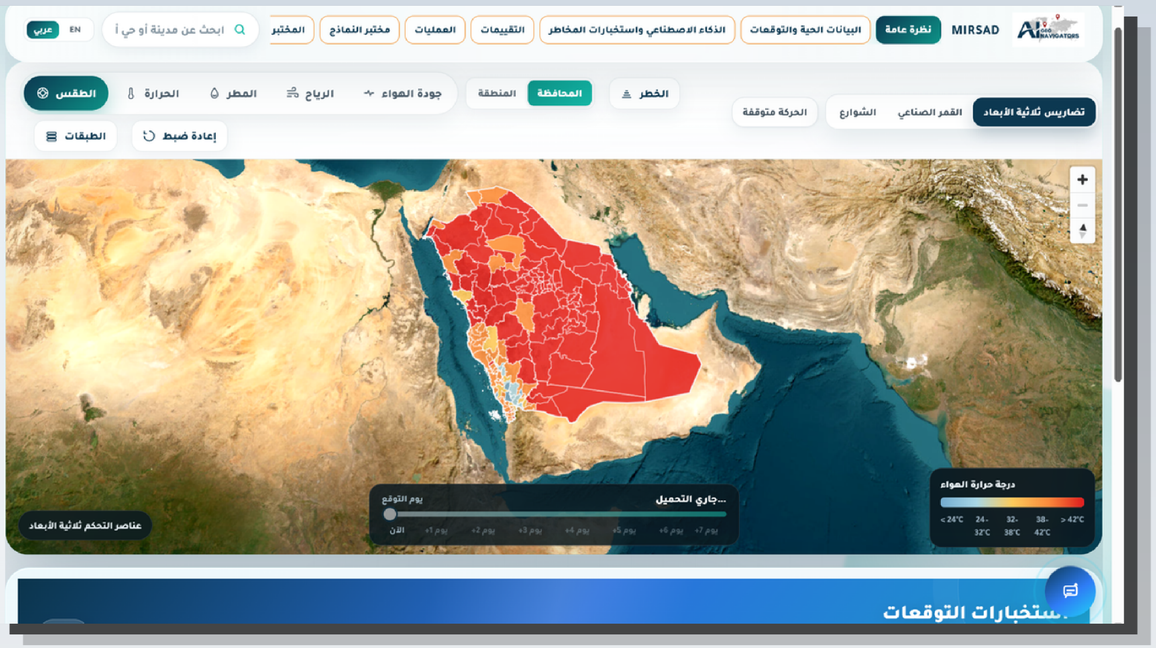
NIGRAAN

National Integrated Geo Risk Alert &
Atmospheric Network

NIGRAAN is a national climate operations dashboard for Pakistan that lets users monitor live weather across cities and districts, compare forecasts, and assess comfort, heat, and air-quality risk on an interactive map.

It supports location search, station-level detail, hazard and terrain context for planning, and an AI analyst users can ask—by text or voice—about conditions, trends, and risks for any place in the country, making it suited for day-to-day monitoring, field decisions, and briefings without needing separate tools.

OUR FLAGSHIP PRODUCT



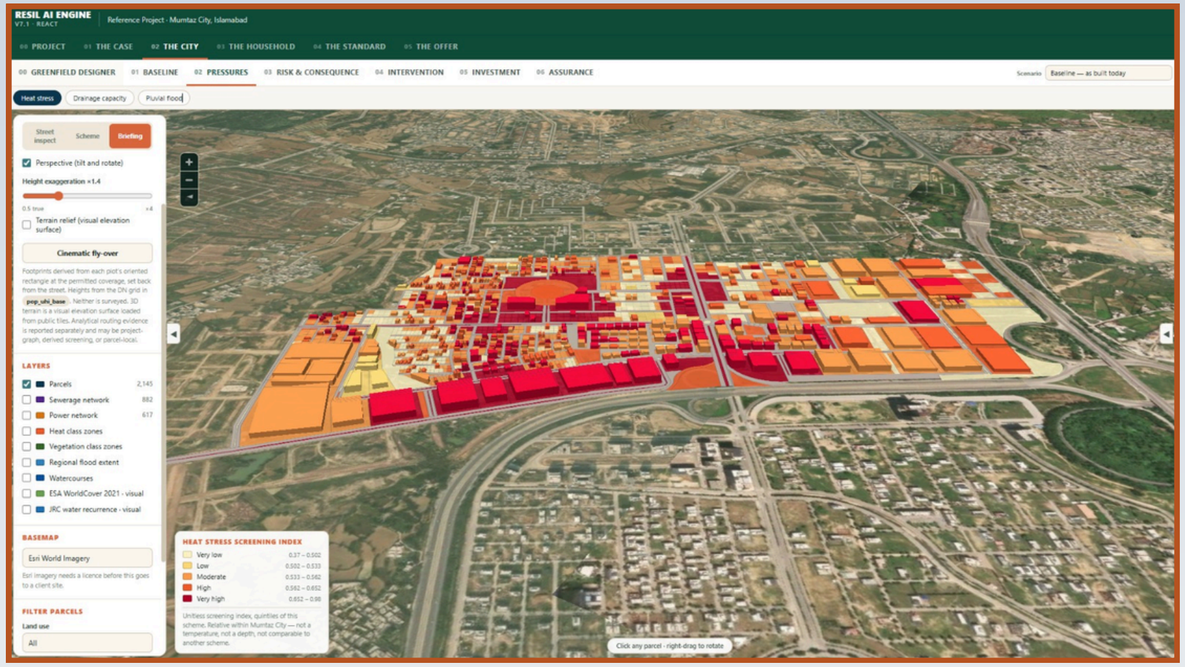
MIRSAD

(Saudi Operational Hazard & Climate Intelligence)

MIRSAD is AI Geo Navigators' Saudi climate and hazard intelligence platform designed to support risk-aware decisions across the Kingdom. It combines multi-hazard screening, climate intelligence, sector-specific assessments, operational monitoring, and AI-assisted analysis into one integrated platform.

It provides nationwide hazard visibility, live climate and weather risk monitoring, AI-driven risk interpretation, and site-level assessments covering climate-related threats. MIRSAD enables users to evaluate projects, assets, and operations through location-based intelligence, supporting faster decisions and improved climate resilience.

OUR FLAGSHIP PRODUCT



RESIL-AI

URBAN DECISION ENGINE

RESIL-AI is an AI-powered urban intelligence platform that integrates geospatial intelligence, climate analytics, and digital twin technologies into urban planning workflows. It combines parcel-level spatial analysis, interactive 3D visualization, infrastructure data, and climate-risk information to provide a comprehensive understanding of urban environments.

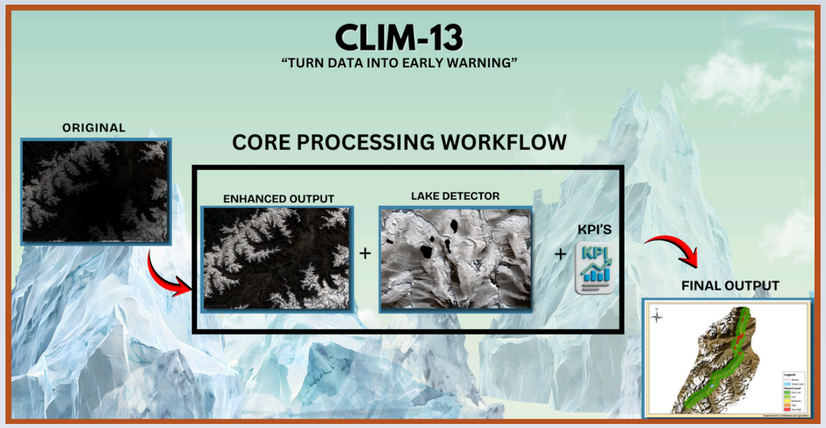
The platform enables planners, developers, and decision-makers to evaluate climate impacts, optimize land use, assess infrastructure resilience, and support data-driven planning decisions.

OUR IN-HOUSE INNOVATIONS



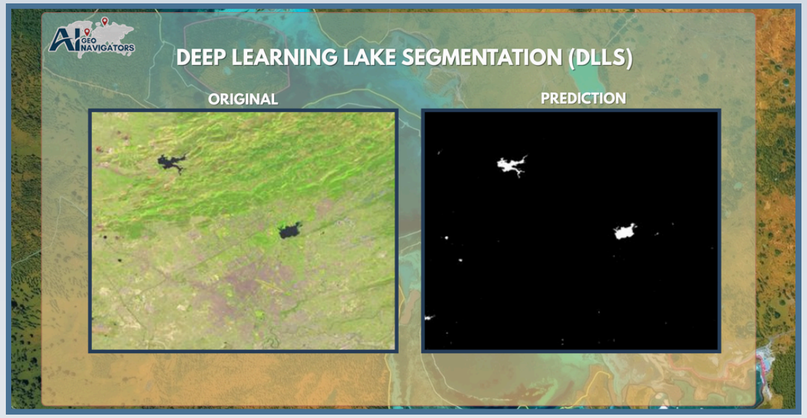
SHINE

(Smart Hierarchical Encoder & Decoder For Image Enhancement)



CLIM-13

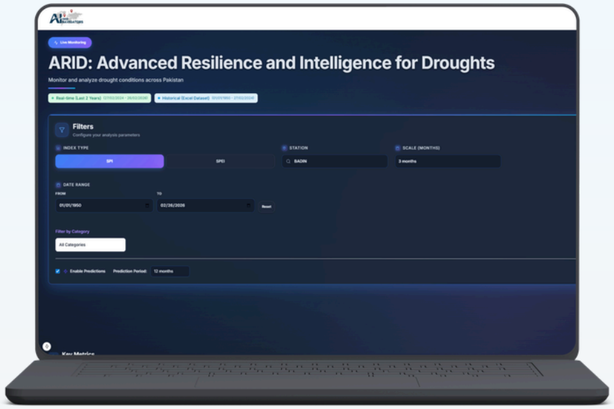
"Turn Data into Early Warning"



DLLS

Deep Learning Lake Segmentation

SaaS PRODUCTS



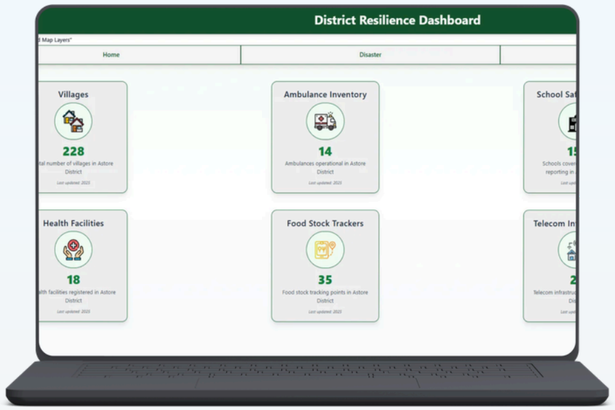
ARID

(Advanced Resilience and Intelligence for Droughts, FIRM: Flood Intelligence & Risk Management)

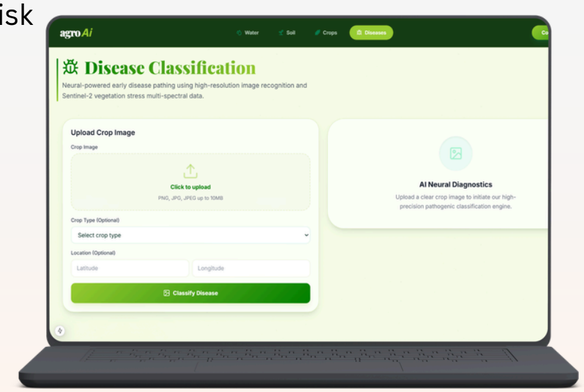


FIRM

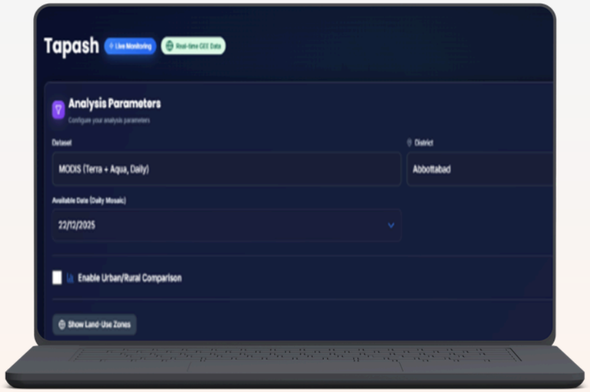
(Flood Intelligence & Risk Management)



District Resilience Dashboards



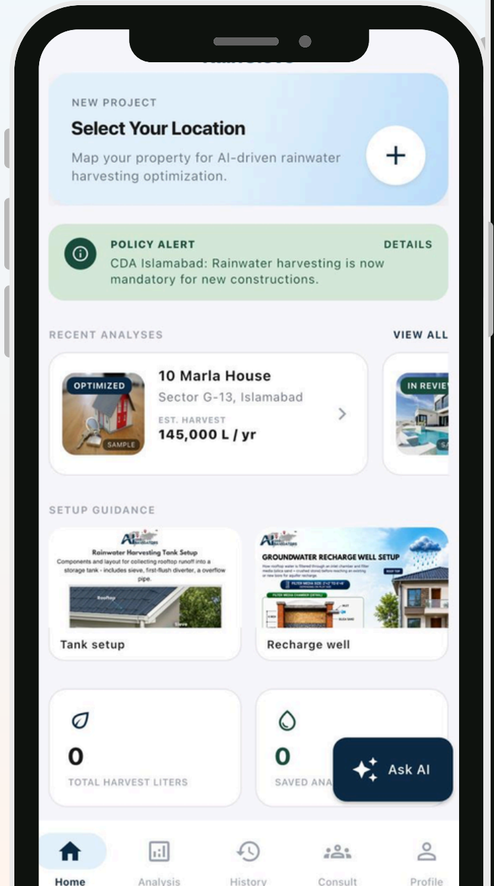
AGRO AI



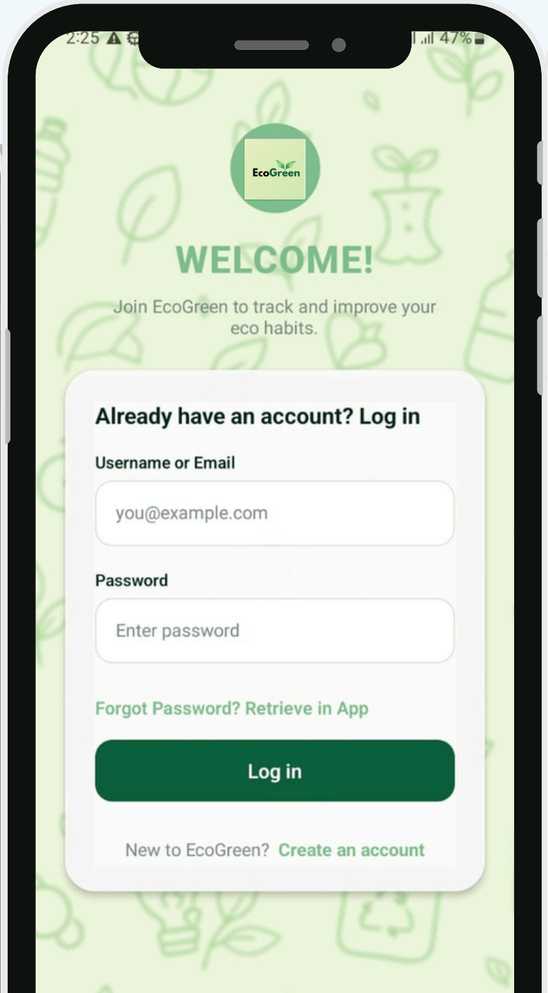
TAPASH

PALM-BASED SOLUTIONS

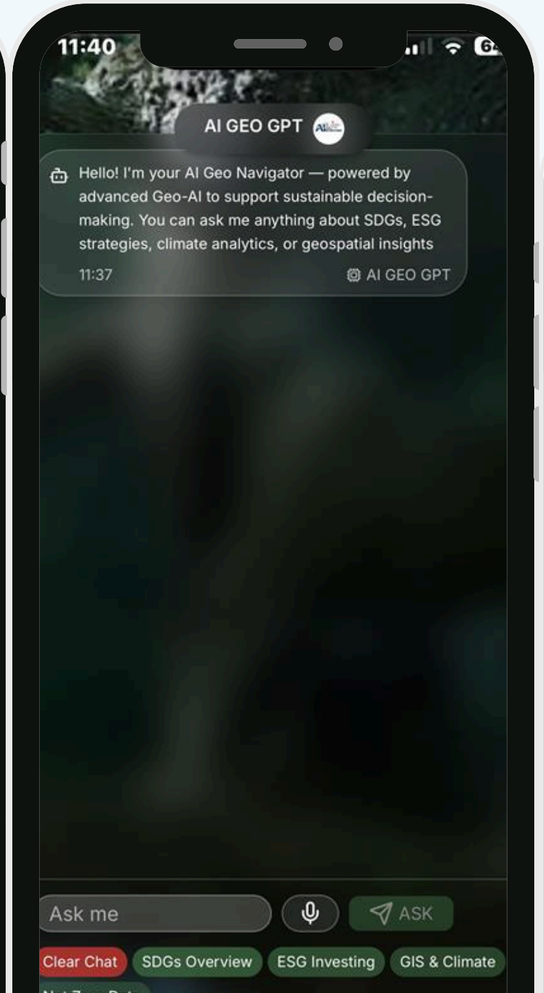
RAIN CLOVE



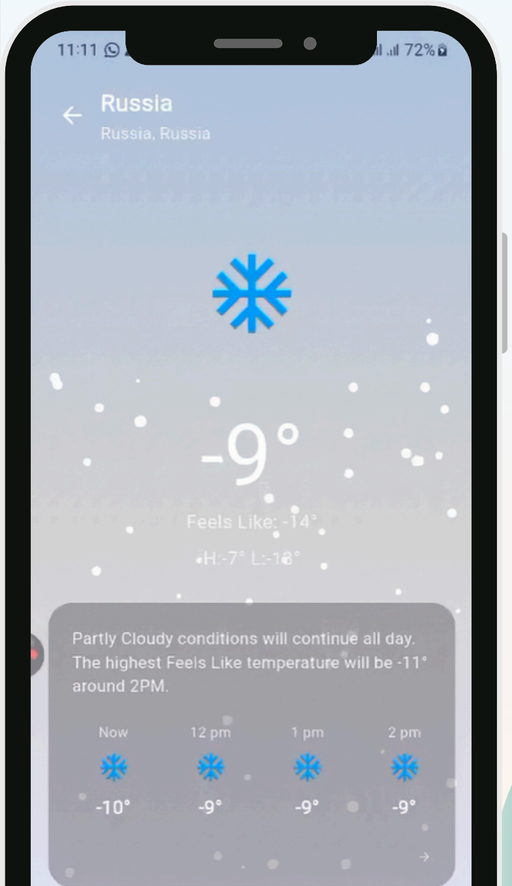
ECO GREEN



AI GEO GPT



WEATHER HALO



ON TECHNOLOGICAL FRONTIERS

NVDIA AI COMPUTERS OF BRACEWELL TECHNOLOGY GPUS



High-performance NVIDIA AI systems using Bracewell Technology GPUs to accelerate AI workloads.

ACCESS TO QUANTANIUM QUANTUM COMPUTING



Secure access to Quantanium quantum computing for faster data processing and advanced AI insights.

OUR COLLABORATOR

INDUSTRIAL

COALITION FOR SUSTAINABLE AI

GOUVERNEMENT
Liberté
Égalité
Fraternité

ITU

UN environment programme

UN WOMEN

WE SUPPORT

UN GLOBAL COMPACT

WWF

NDMA
National Disaster Management Authority

حکومت پنجاب

گلگت بلتستان اسمبلی
GILGIT-BALTISTAN ASSEMBLY

unesco

SDPI
Sustainable Development Policy Institute

IAEA

ACADEMIA

UNIVERSITY OF THE PUNJAB

BU
BAHRIA UNIVERSITY

NATIONAL UNIVERSITY OF TECHNOLOGY
NUTECH

قراقرم انٹرنیشنل یونیورسٹی
Karakoram International University

1980
UNIVERSITY OF AZAD JAMMU & KASHMIR

HITEC UNIVERSITY
IN TRUTH I TRIUMPH

1929
University of Sargodha

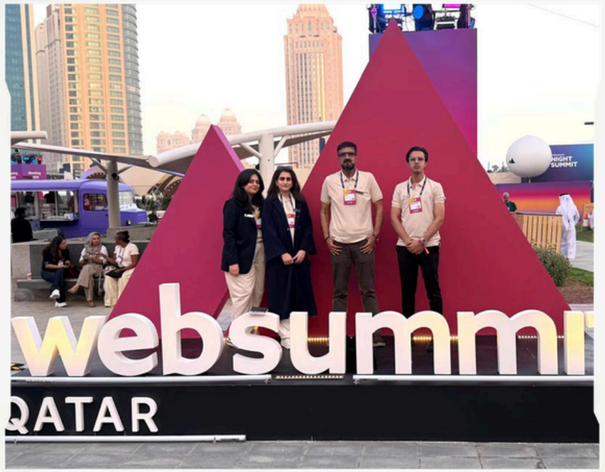
NATIONAL & INTERNATIONAL PRESENCE



TORONTO CLIMATE WEEK



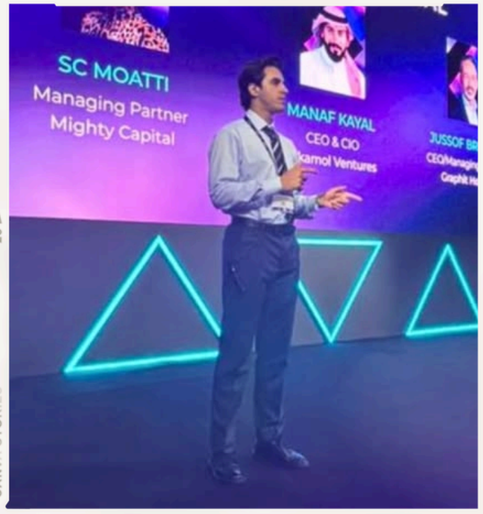
LOA WITH NDMA



WEBSUMMIT QATAR 2026



AT BONN FOR SB64



LEAP RIYADH 2026



AT NDMA FOR DEWTE EXPO 2025



BAKU CLIMATE WEEK



ITCN ASIA 2026, LAHORE

AWARDS/ACHIEVEMENTS



AI Wrapper Competition Islamabad , 9th position



NIC Cohort 3 selected



Disaster Resilience & Climate Risk Management

AI Geo Navigators –

Community-Based Forecasting and Early Warning of GLOFs in Gilgit-Baltistan

(2026–2030)



Future Leaders Award

AI GEO NAVIGATORS™

GET IN TOUCH

