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LEVERAGING SAAS PLATFORM EO DISCOVER TO OPTIMIZE OPERATIONS AND MAKE
INFORMED DECISIONS THAT DRIVE IMPACT

Abstract

Effective platforms are crucial for guiding interventions and resource allocation in climate change mitigation and disaster management projects. ASTERRA's EO Discover, a Software as a Service (SaaS) platform, addresses this need by centralizing insights and empowering decision-makers to prioritize actions, make informed decisions, monitor progress, and plan improvements comprehensively. Leak detection, field results, soil moisture grids and alerts permit an over-encompassing overview, improving effective prioritization, progress-monitoring and success-tracking using key metrics. By providing customizable dashboards, personalized metrics for performance tracking, EO Discover allows the tracking of environmental impacts so sustainability performance targets can be monitored and achieved. Through EO Discover, ASTERRA is not only leveraging SAR imagery into actionable insights, but turns real time feedback from the field into analytics and algorithm training, further empowering organizations to optimize operations, drive sustainability initiatives, and achieve tangible outcomes. EO Discover's integration with existing platforms further enhances its usability and accessibility, allowing organizations to leverage ASTERRA's insights within their existing workflows. Through continuous feedback loops and algorithm refinement, EO Discover ensures that insights gleaned from the field are translated into actionable strategies, and underscores ASTERRA's commitment to advancing Earth observation technology for societal benefit and environmental stewardship.