How ready are AI Agents for geospatial tasks?

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Key words: Spatial planning

SUMMARY

How ready are Gernerative AI agents for geospatial tasks? This presentation delves into the readiness of AI agents, powered by large language models (LLMs), for tackling geospatial challenges. We will focus on recent advancements made by Esri in developing smart mapping agents that cater to a range of user types.⬜⬜The session will explore the current capabilities of these AI agents, highlighting how they can assist in tasks such as creating maps and summarising content.⬜⬜However, the journey is not without its challenges. One significant limitation poor metadata, which can impede the performance of AI agents. We will discuss these limitations, providing insights into the current obstacles and how they are being addressed.⬜⬜Looking ahead, the presentation will also cover future directions for AI in geospatial tasks. We will explore ongoing research and development efforts aimed at overcoming current limitations and expanding the capabilities of AI agents. This includes advancements in Large Language Models as well as addressing security concerns.⬜⬜By the end of this session, participants will have a comprehensive understanding of the current state and future potential of AI agents in the geospatial field. They will gain insights into how these technologies can be leveraged to solve complex geospatial problems and drive innovation in their organisations⬜

How ready are AI Agents for geospatial tasks? (13537)
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FIG Working Week 2025
Collaboration, Innovation and Resilience: Championing a Digital Generation
Brisbane, Australia, 6–10 April 2025