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| **Aims** | **Objectives** |
| Develop an AI model that classifies land into physical types and usage categories. | Research on methodologies for land use classification and approaches to improve them |
|  | Develop and validate AI algorithms for precise land use classification using satellite imagery |
|  | Integrate multi-source data to improve the reliability of land use maps |
|  | Test and refine classification models in diverse geographic regions to ensure accuracy across different landscapes |
|  | Develop a dynamic updating system that detects changes in land use, such as deforestation, urban sprawl, or agricultural expansion |

Aims and Objectives