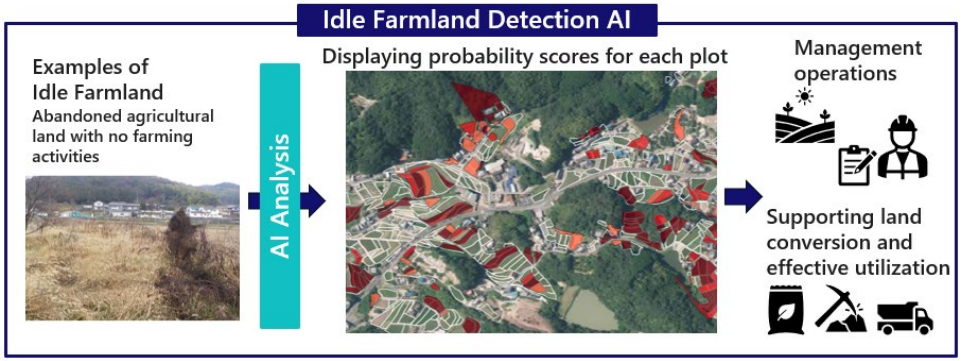
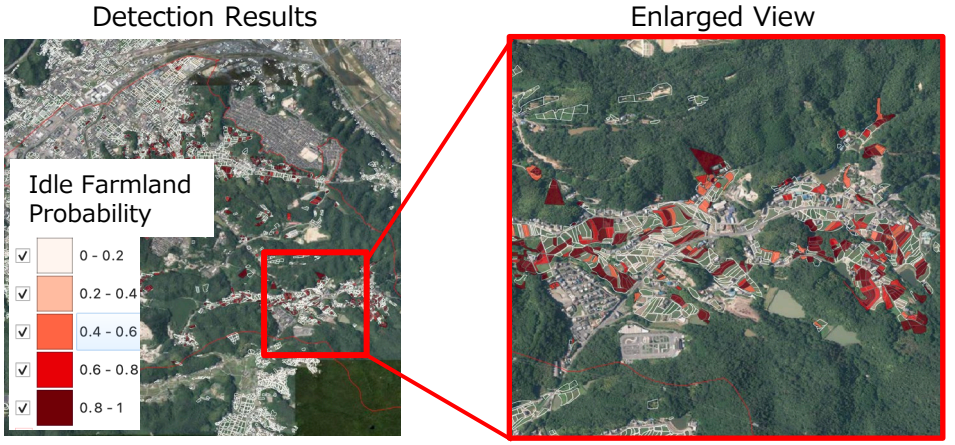
Satellite-Based AI Solution for Identifying Idle Farmland

- Precise detection and visualization of idle farmland across wide areas using satellite data and AI analysis technologies
- Reduces workload throughout the agricultural land patrol process - from preparation to field surveys and follow-up tasks and improves traditional analog workflow
- Enhances farmland management efficiency for governments and businesses while reducing costs and optimizing data usage

Company name	Space Shift Inc.
Service Overview	This solution analyzes satellite images using AI to identify estimate potential idle farmland. Agricultural land patrols by field inspectors are conducted following efficient routes suggested by the AI, and inspection results are instantly recorded and visualized using the 'Agricultural Committee Support System" and "eMAFF On-site Confirmation App". This enables local government staff and patrol personnel to reduce their workload while achieving more accurate understanding of farmland conditions compared to conventional methods. Through this service, we enable early detection and efficient management of idle farmland.
User	• Agricultural Committees and Municipal Governments Nationwide • Private Companies Seeking Farmland Conversion (e.g., Solar Power Generation) • GIS and Platform Development Companies, etc.
Satellite	• Optical Satellite (Sentinel-2, etc.) • SAR Satellites (iQPS, Capella Space, etc.)
URL	https://www.spcsft.com/en/





Source) Space Shift Inc.