

Africa Investment Forum 2024

December 5th, 2024



SPACE SHIFT

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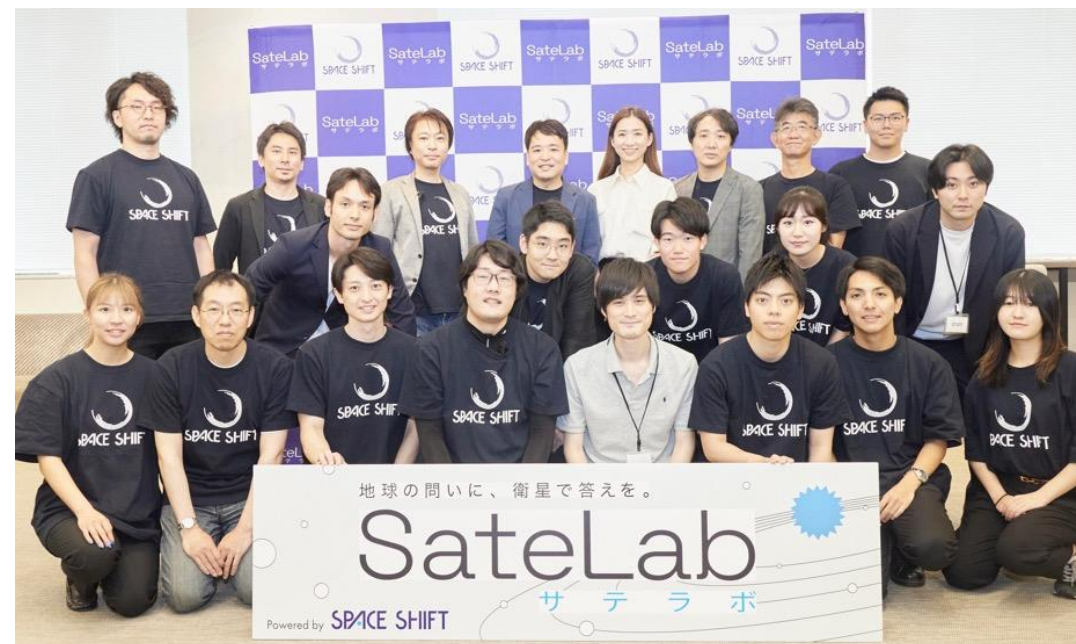
**Digitalization and Agriculture for
Sustainable Development**

Tamao Tada
Chief Business Office (CBO)



Space Shift solves social issues on Earth with Space × AI

Company Name	Space Shift, Inc.
CEO	Naruo Kanemoto
Capital	638 million JPY
Establishment	11 December 2009
Number of Employees	30FTE + 50< interns
Location	Inspired.Lab, 6th floor, Otemachi Building 1-6-1 Otemachi, Chiyoda, Tokyo 100-0004 Japan
Other Locations	Tottori, Japan/ US / EU(Planning)
Web site	https://www.spcsft.com/en
Business fields	Development of software for satellite data analysis, business related to the analysis of satellite data, consulting related to space business



Satellite Business Co-Creation Program "SateLab"

The number of earth observation satellites has been increasing recently.
The key to promoting the utilization of satellite data is transforming big data into valuable information.



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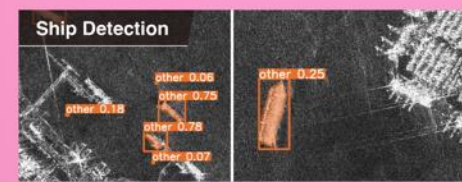
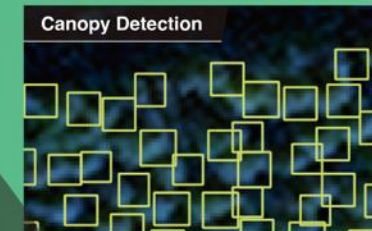
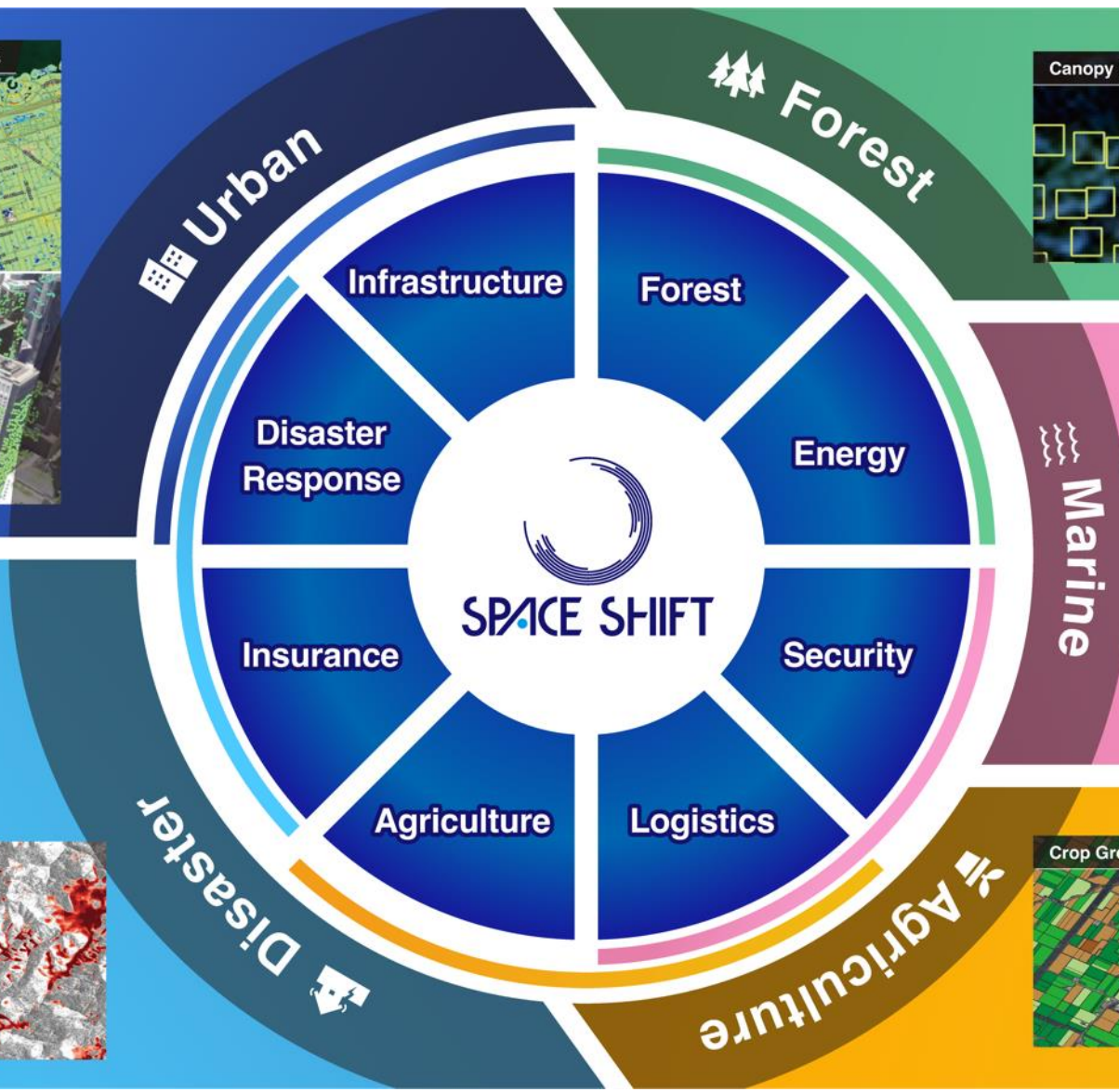
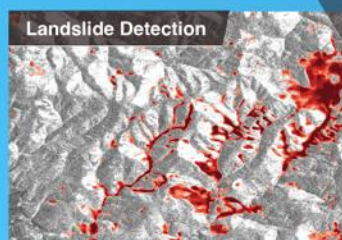
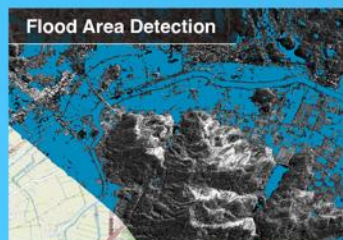
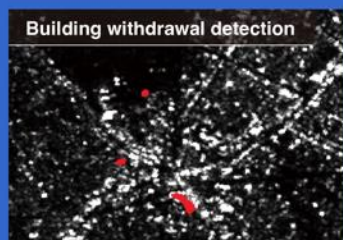


By focusing on AI analytics development for SAR satellite data processing,
we achieve high-precision analysis



By creating an environment where satellite data can be used efficiently,
we lead the expansion of the satellite data utilization market.

※ SAR : Synthetic Aperture Rader



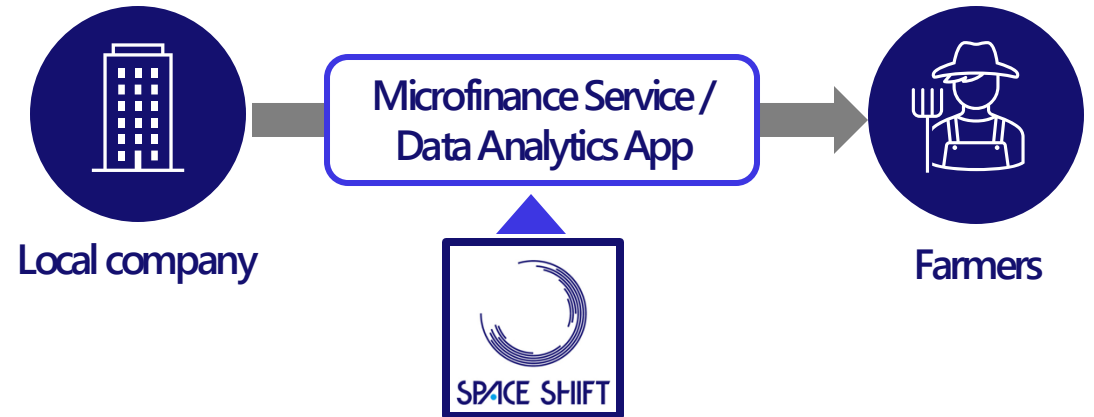
Space Shift focuses on developing business and driving digitalization in the **agricultural sector**

What we do in Africa

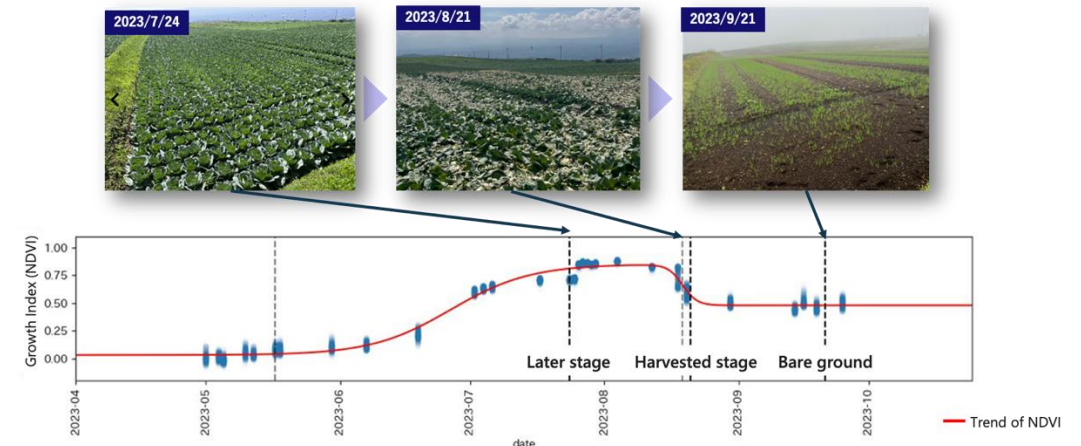
- ✓ Implement “Pilot Project for Microfinance Services for Farmers Using Satellite Data on Agricultural Land” in Nigeria
- ✓ Develop AI analytics for crop growth monitoring and prediction of harvest timing/volume by utilizing satellite data
- ✓ Evaluate its potential to enhance credit scoring for farmers in financial services



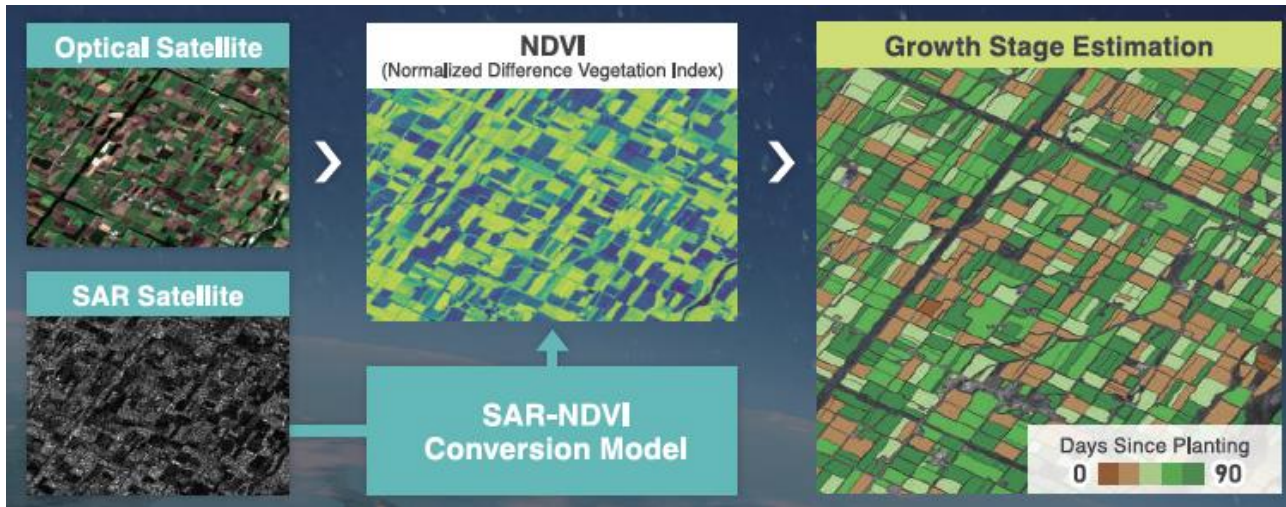
Business Model



Add-on satellite data AI analytics to the services



Utilizing satellite data analytics to achieve sustainable agriculture in Africa



Estimation of planting/harvesting timing using time-series data



Estimation of past harvest performance (track record and capability of farmlands)



Prediction of this year's harvest volume

Expected Effects

Access finance Services for farmers

- ✓ Utilizing our satellite data analytics AI for credit scoring for farmers, enabling them to access financial services.

Supply Chain Optimization

- ✓ Provide information about harvest timing and expected volumes to food and logistics companies, contributing to the reduction of food loss and GHG emissions, as well as to effective marketing.

Sustainable Agriculture by satellite data and AI

- ✓ Collaborating with local companies and governments in Africa to realize data-driven Smart Agriculture

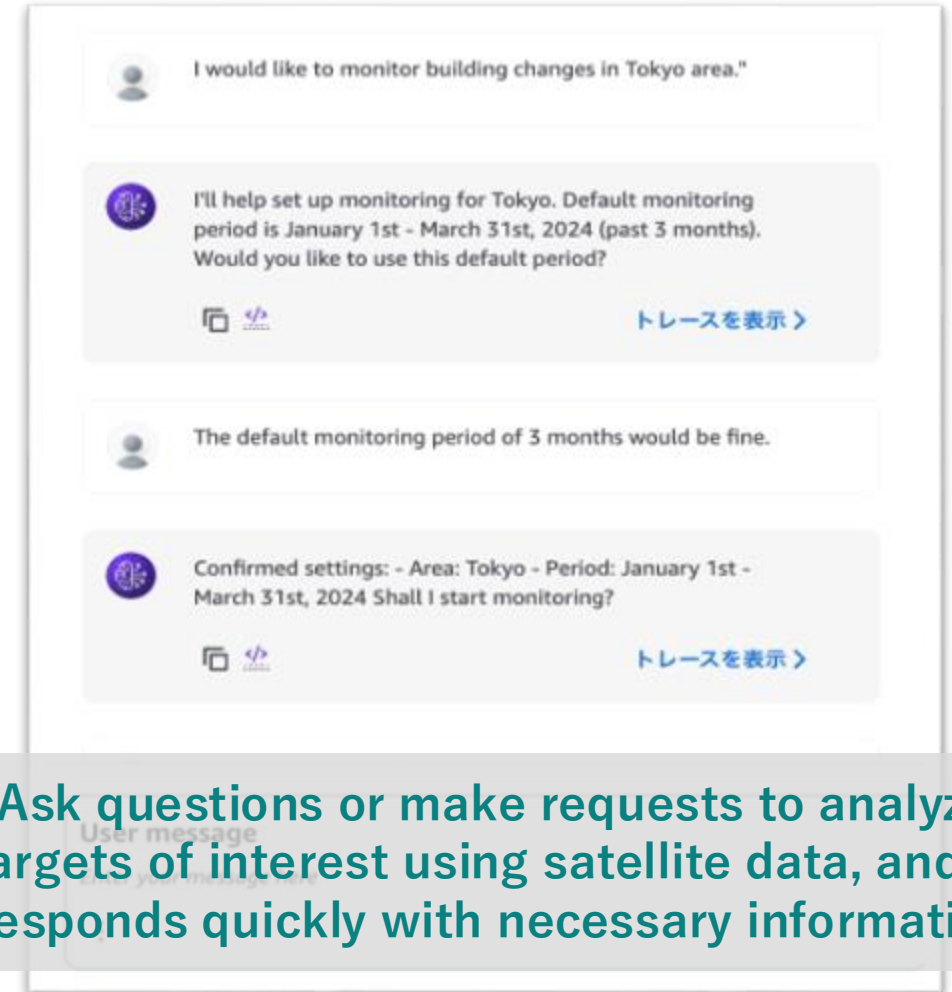
Space Shift's advanced AI enables easier and more effective data utilization for businesses

✓ Land Use Monitoring



Time-series satellite data can analyze changes in cities, detecting new buildings, vacant lots, and inactive farmland.

✓ Generative AI



Ask questions or make requests to analyze targets of interest using satellite data, and AI responds quickly with necessary information

Space Shift seeks partner companies to jointly expand efforts in 'digitalization'

Look for Partners in Africa

- ✓ Companies that deliver data solutions and services to farmers and agricultural stakeholders
- ✓ IT companies, Sler, SaaS companies



Our Partner Program "SateLab"

- ✓ Space Shift develops business with the combination of satellite data and ground data
- ✓ Please ask us if you are interested in joining as a 'Partner Company'



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