

**Analysis of landing site candidates required for system-level technical study**

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Subject Category: Space Exploration Innovation

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● **Abstract**

Landing site selection and rover path planning on the Moon

● **Reasons for using JSS2**

Preparation of the environments for contractors to execute simulations which is planned in the next financial year; and inspection of the result of parallelisation of simulation tools, estimation of thier execution times, and the execution of the simulation tools

● **Achievements of the Year**

N/A

● **Publications**

N/A

● **Usage of JSS2**

● **Computational Information**

Process Parallelization Methods	N/A
Thread Parallelization Methods	N/A
Number of Processes	1
Elapsed Time per Case	0.01 Second (s)

- **Resources Used**

Fraction of Usage in Total Resources\*<sup>1</sup> (%): 0.04

Details

Computational Resources		
System Name	Amount of Core Time (core x hours)	Fraction of Usage* <sup>2</sup> (%)
SORA-MA	0.00	0.00
SORA-PP	1,589.73	0.01
SORA-LM	0.00	0.00
SORA-TPP	0.00	0.00

File System Resources		
File System Name	Storage Assigned (GiB)	Fraction of Usage* <sup>2</sup> (%)
/home	103.31	0.11
/data	53,485.96	0.94
/tmp	6,212.03	0.53

Archiver Resources		
Archiver Name	Storage Used (TiB)	Fraction of Usage* <sup>2</sup> (%)
J-SPACE	0.00	0.00

\*<sup>1</sup>: Fraction of Usage in Total Resources: Weighted average of three resource types (Computing, File System, and Archiver).

\*<sup>2</sup>: Fraction of Usage: Percentage of usage relative to each resource used in one year