

6th International Space Debris Re-entry Workshop – WS1 Re-Entry modelling

ESA Space Debris Office

15/01/2025

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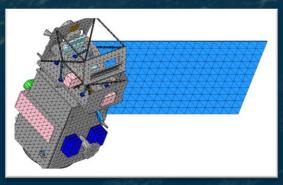
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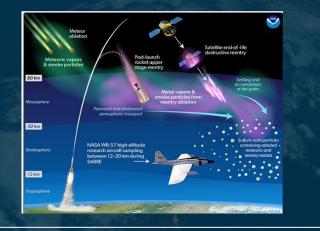
What to expect from WS-1: Modelling

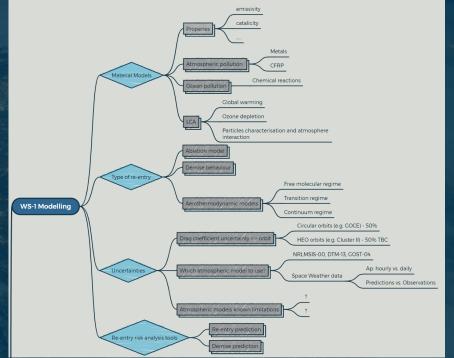


Based on the State of the Art to discuss about known and identified gaps:

- \triangleright Material models: properties, atmospheric pollution, ocean pollution, LCA
- Type of re-entry <-> ablation model \triangleright
- Uncertainties characterisation per type of orbit <-> atmospheric models
- Risk analysis tools re-entry and demise characterisation differences



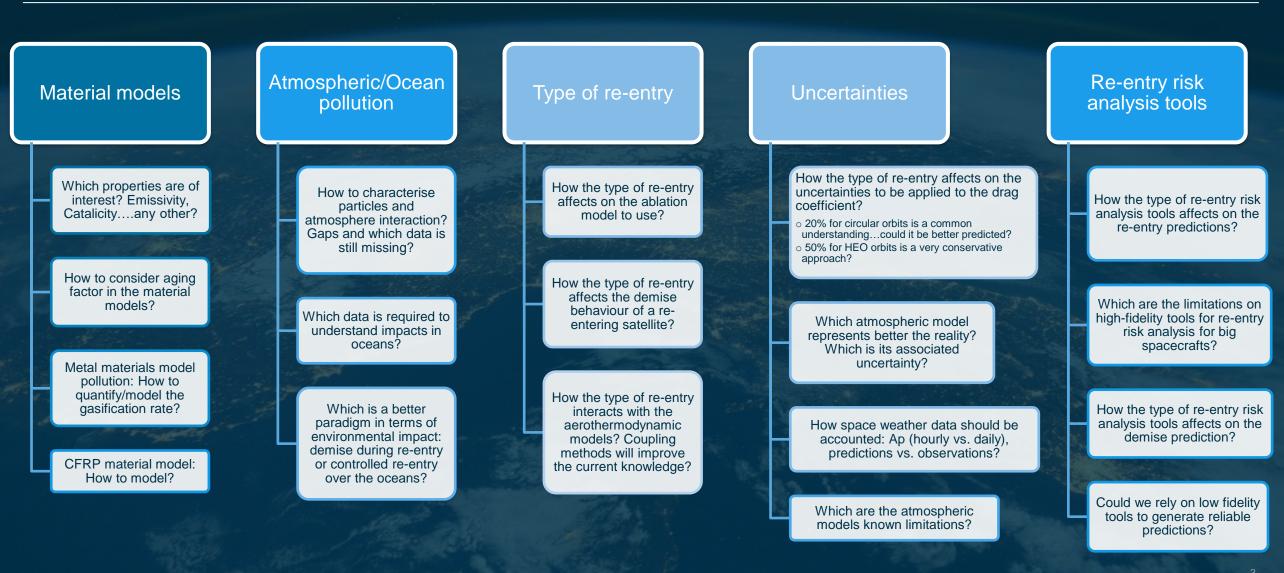




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Questions





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WS1: Which data are you interested in?



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ANSWERS



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