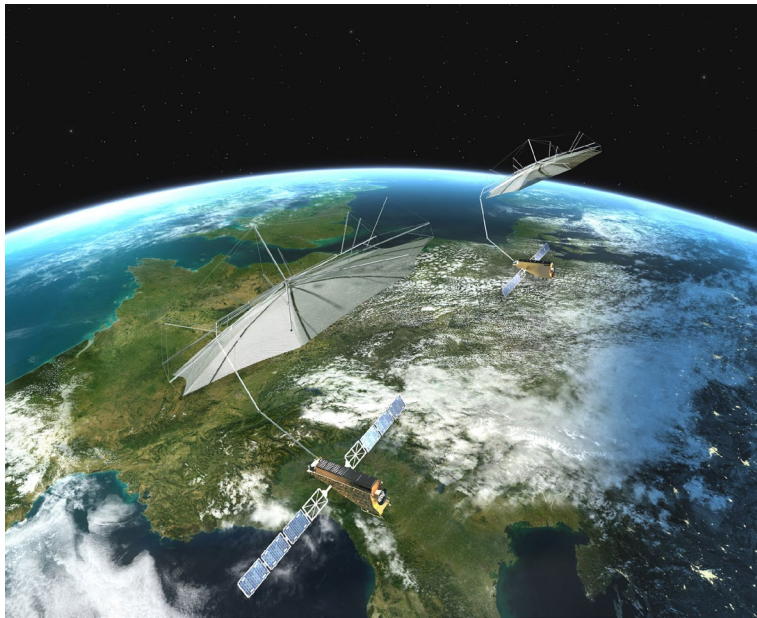


Tandem-L exploitation platform

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The Tandem-L mission is a German L-band Radar mission currently in phase B of its development cycle. Tandem-L is a constellation of two satellites capable of observing dynamic processes on the earth's surface in unprecedented quality.



Tandem-L will generate a daily amount of 8 TByte of raw acquisition data which is processed on ground to 13 interdepending products, operationally. In addition to this it is possible for scientists to implement an own processor which then can be interconnected with the operational processing streams. As no operational knowledge on processing streams, hardware allocation and interdependencies will be handed to external scientists developing processors the processor will be added to the exploitation platform as an additional function with interdependencies to other functions of the exploitation platform.