



Natural Resources
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Canadian Centre for Mapping and Earth Observation (CCMEO)

AGENCY REPORT | APRIL 2021

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Highlights

OpenSearch: CWIC-ready RCM Open Search port to EODMS now completed (April 13, 2021)

Cloud: Presently engaged in several EO ecosystem integrations using microservices, OGC API, AWS cloud and Docker container technology – early focus on emergency response e.g. flood mapping

SBEO: Multi-department Space-based Earth Observation (SBEO) initiative in-progress to re-think EO value-chain from satellite to end-user

CEOS SAR ARD: Minor changes made in the metadata and requirements. Focus on avoiding unnecessary barriers for data providers or SAR missions. Changes are applied to both CARD4L-SAR Normalized Radar Backscatter and Polarimetric product formats. A revised version of the product format specifications will be submitted to the LSI-VC meeting (May 2021) for annual revision. CARD4L-SAR NRB/POL format will be tested in a cloud environment using reference data from Cambridge Bay. A tool is being developed work with CARD4L-SAR products



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