

Hatfield-1303: Planning heliports, camps, and drop zones in forested areas

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Challenge

Challenge ID:	HCP-1303	Originator:	Onshore: Hatfield
Title:	Planning heliports, camps, and drop zones in forested areas.		
Theme:	ON 1.3: Seismic Planning - Identification of environmentally sensitive areas		
Consortium Lead:	RPS Group	Interviewed Company:	RPS Group
Geography:	ON.REG.00 - Generic onshore		
Challenge Description			
What is not possible / not adequately addressed at present?			
Need to Identify existing disturbed areas or cleared areas suitable for heliports, camps, and landing or drop zones in forested terrain. Need to identify suitable sites that minimise risks to crews, reduce environmental impact and adhere to helicopter safety standards.			
What effect does this challenge have on operations?			
Information is required to identify potential helipad locations on hill tops to minimize areas to be cleared and long-line and landing hazards. Safe approach must be possible. Camps should be established in areas that minimize exposure to hazards.			
Thematic information requirements:	Land cover Terrain information Topographic information		
What do you currently do to address this challenge?			
How is this challenge conventionally addressed?			
LiDAR, weather station information, available topographic maps and archived satellite imagery plus local knowledge.			
What kind of solutions do you envisage could address this challenge?			
Bare earth digital terrain models equivalent to LiDAR.			
What is your view on the capability of technology to meet this need?			
Are you currently using EO tech? If not, why not?			
None			
Challenge Classification			
Impact on Lifecycle (0=none, 4=high):		Climate / Topography / Urgency:	
Pre-license:	1	Climate class:	Tropical humid
Exploration:	2	Topographic class:	Not specific
Development:	2	Seasonal variations:	Any season
Production:	1	Impact area:	Health and Safety
Decommissioning:	1	Technology urgency:	3 - Immediately (0-2 years)
Challenge Information Requirements			
Update frequency:	Snapshot		
Data currently used:	LiDAR		
Spatial resolution:	License		
Thematic accuracy:	Not specific		

Required formats:	Not Specific
Timeliness (Vintage):	Within six months
Geographic extents:	Basin
Existing standards:	None

Relevant products

Content by label

There is no content with the specified labels