

Hatfield-1212: Identify sabkahs / salt lake areas

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Challenge

Challenge ID:	HCP-1212	Originator:	Onshore: Hatfield
Title:	Identify sabkahs / salt lake areas.		
Theme:	ON 1.2: Seismic Planning - Identification of adverse terrain for trafficability		
Consortium Lead:	RPS Group	Interviewed Company:	RPS Group
Geography:	ON.REG.02 - Australia		
Challenge Description			
What is not possible / not adequately addressed at present?			
If a crust is present it might fail/break when vibroseis vehicles are operational. An issue in countries such as Australia, Egypt and Ethiopia.			
What effect does this challenge have on operations?			
Health and safety risk that requires mitigation. If hazard is not identified, can cause damage to equipment and personnel.			
Thematic information requirements:	Ortho base images Water quantity Terrain information		
What do you currently do to address this challenge?			
How is this challenge conventionally addressed?			
Use available base data and satellite images to assess ground conditions.			
What kind of solutions do you envisage could address this challenge?			
A method to accurately identify sabkahs.			
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:	Dry
Exploration:	3	Topographic class:	Not specific
Development:	1	Seasonal variations:	Any season
Production:	1	Impact area:	Health and Safety, Cost reduction
Decommissioning:	1	Technology urgency:	3 - Immediately (0-2 years)
Challenge Information Requirements			
Update frequency:	Snapshot		
Data currently used:	Medium resolution imagery		
Spatial resolution:	Basin		
Thematic accuracy:	Not specific		
Required formats:	Not Specific		
Timeliness (Vintage):	Reference data		
Geographic extents:	Basin		

Existing standards:	None
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Relevant products

Content by label

There is no content with the specified labels