## The Giant Moving Dunes of Titan and Jakku

Dunes of Saturn's moon Titan, made of organics from the high atmosphere, are uniquely large and straight. Some deviate from this shape because winds have been deflected or changed.

straight form

deflected form

50 km

**United Arab Emirates** 

STAR WARS: THE FORCE AWAKENS was filmed at the unique and large dunes of the United Arab Emirates, readjusting shape in changing winds.

road students

Lorenz, Radebaugh, Turtle, Barnes and students, in progress

Field studies using images, GPS and Ground Penetrating RADAR are revealing these changes, helping us understand Titan's enigmatic dunes.