

OS UAVs NOS ESTUDIOS XEOMORFOLOXICOS NA COSTA GALEGA

Augusto Pérez Alberti

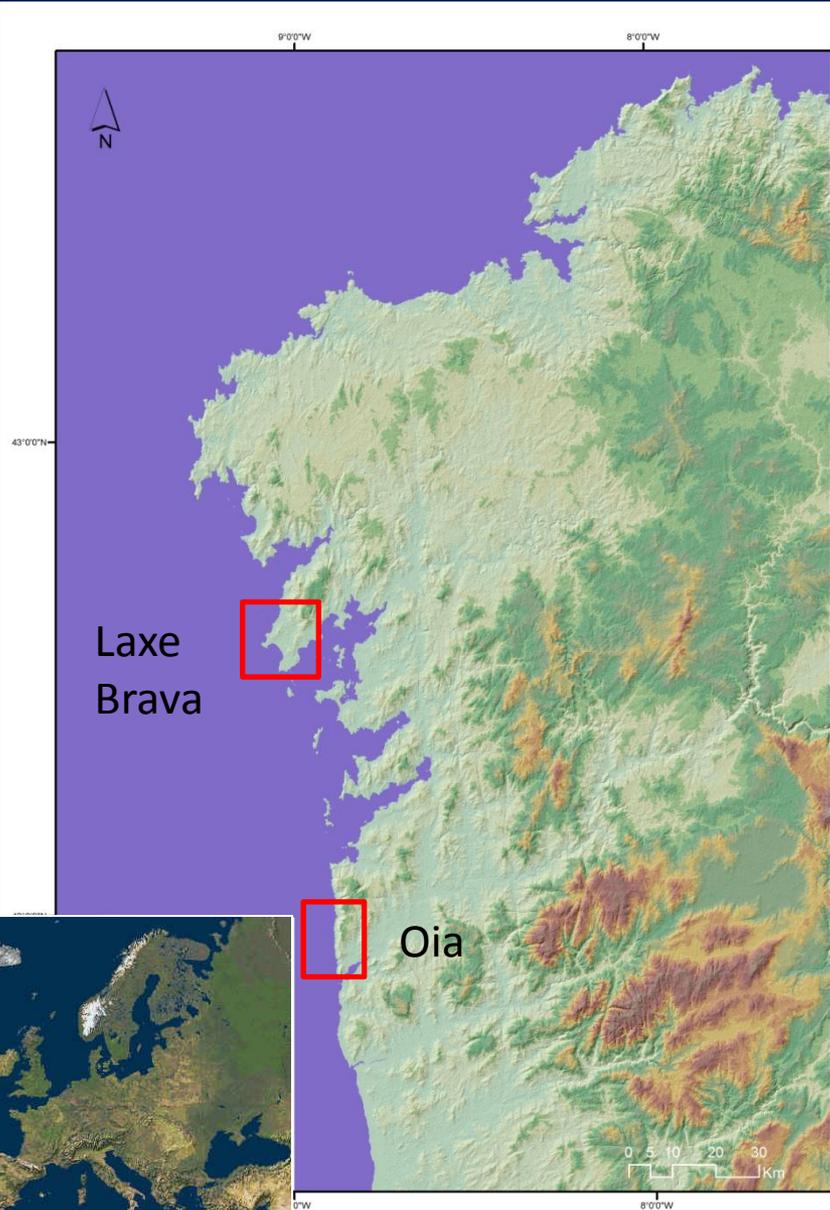
Laboratorio de Tecnoloxía Ambiental. Instituto de Investigacións
Tecnolóxicas. Universidade de Santiago.





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1. Areas estudo
 - 2.- Tecnoloxia
 - 3.- Obxetivos
 - 4.- Metodoloxia.
 - 5.- Resultados

1.- Areas de estudio



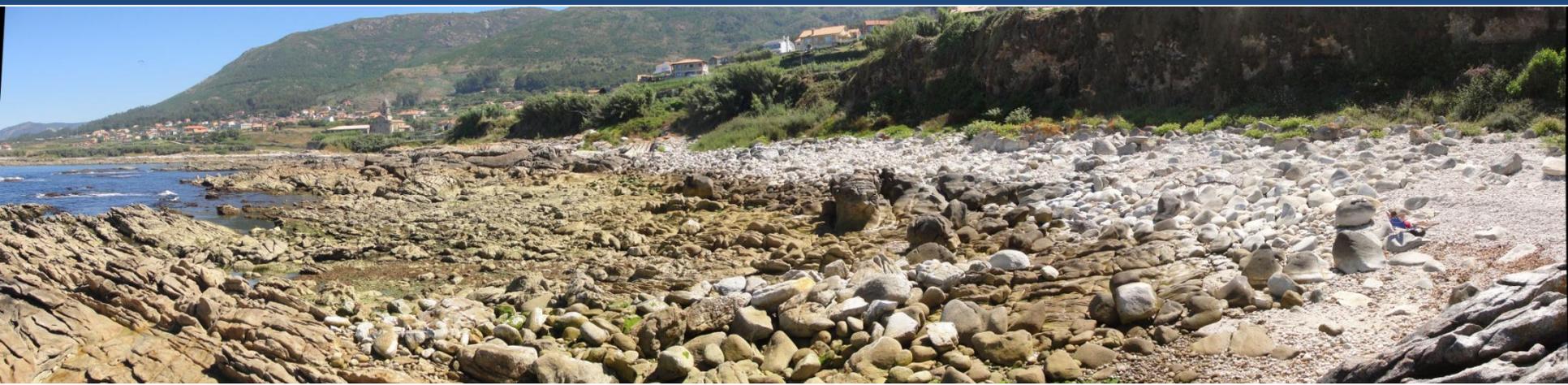
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Laxe Brava



Oia

2.- Tecnoloxia

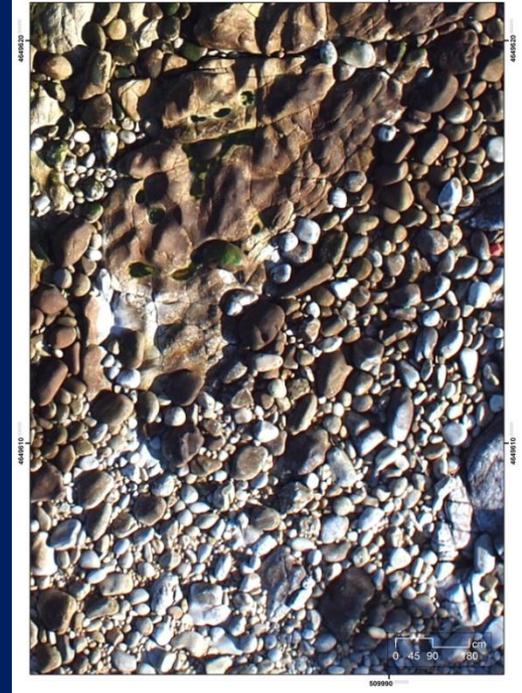
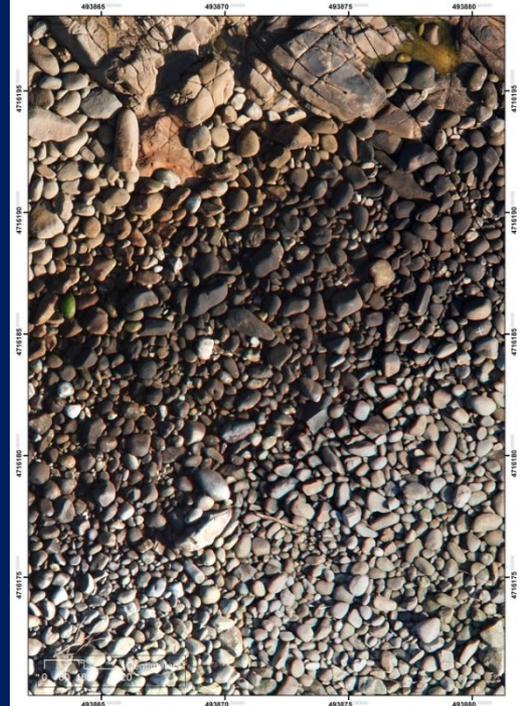
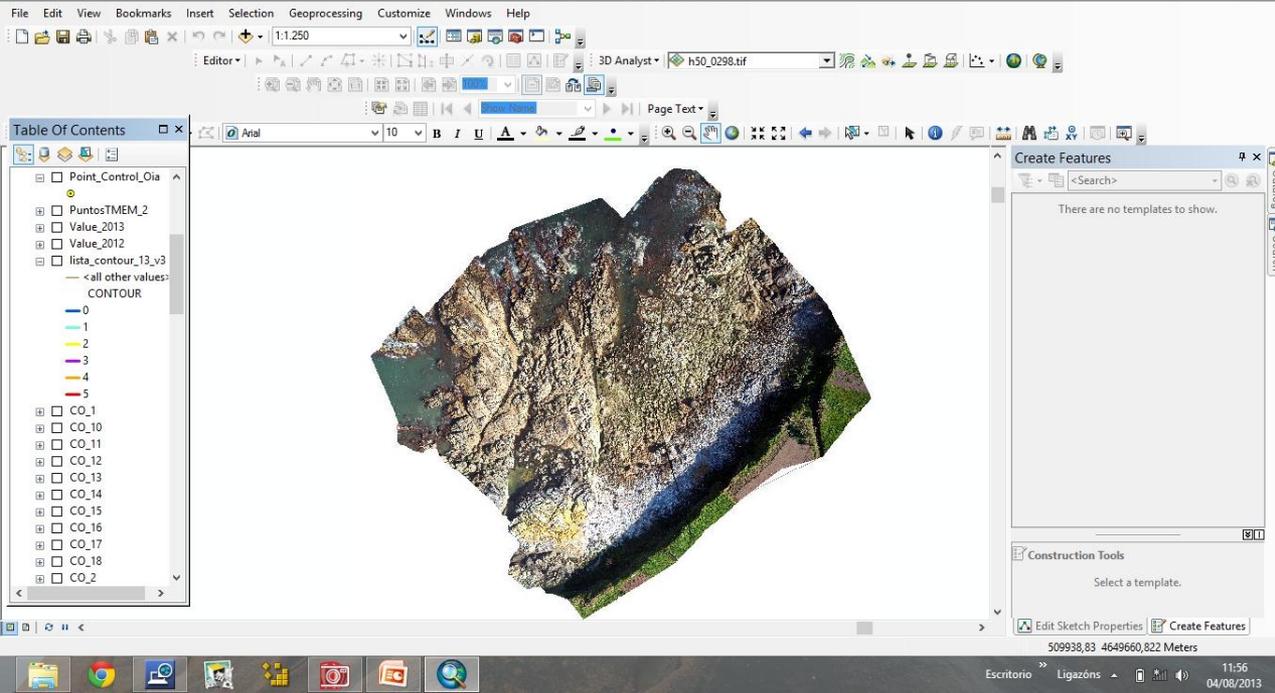
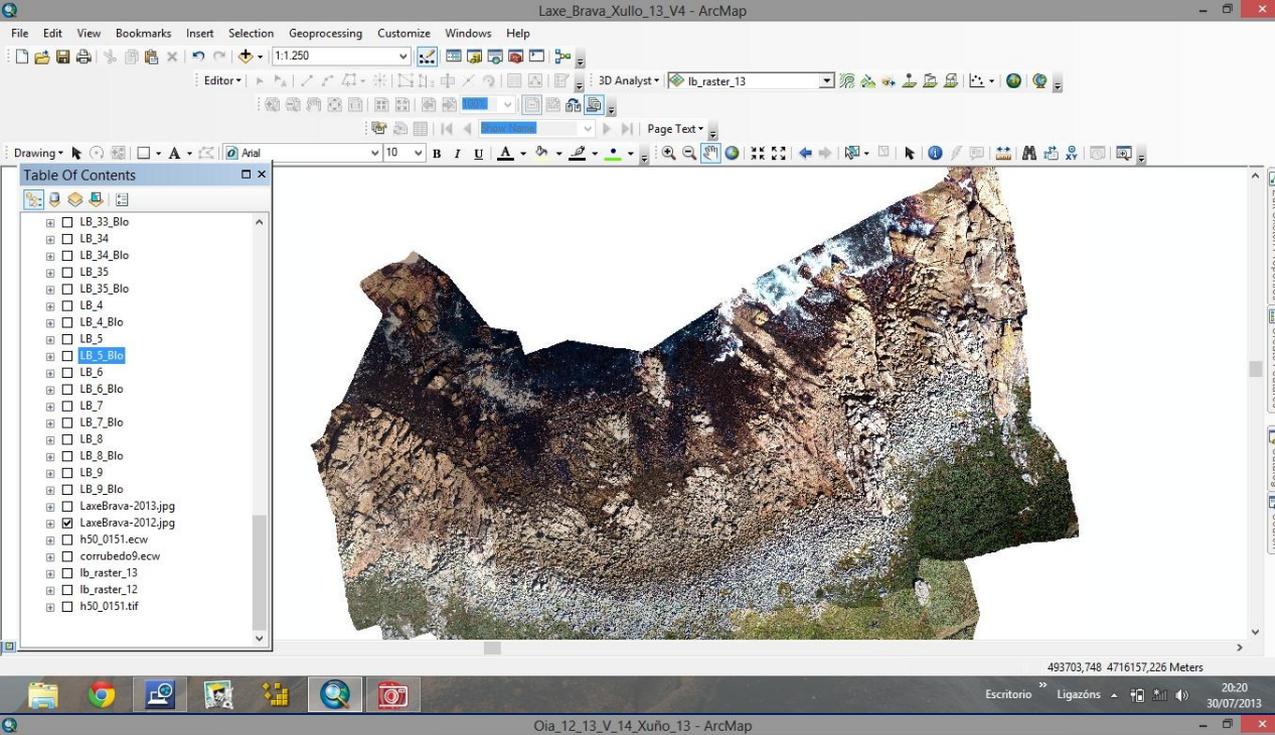
The image displays a workflow in Topcon Image Master for processing UAV data. It is divided into several sections:

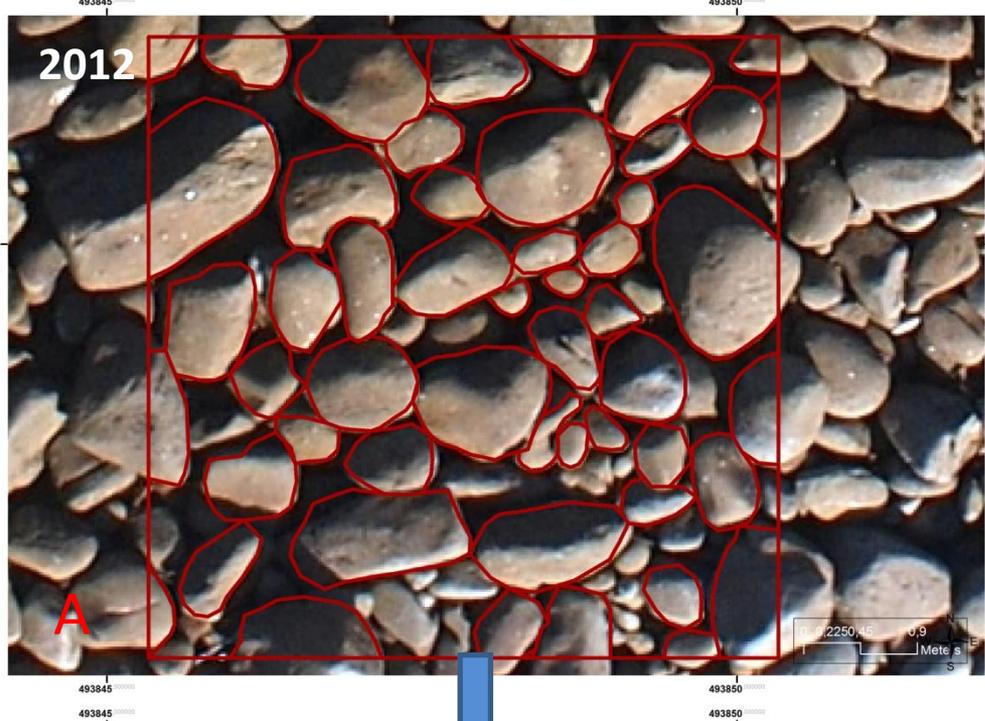
- Top Left:** A stereo pair of images showing a rocky coastline. The 'Objects' panel lists 'Model1' with various elements like Point Names, Points (62), PolyLines (2,251), TINs (20), and Layers (33).
- Top Right:** A 'Model1.imm:2' window showing a grid of images with yellow and green markers. Below it are zoomed-in views of specific points, with some marked with a yellow crosshair.
- Center:** A photograph of a white drone flying over a rocky coastline with waves crashing against the shore.
- Bottom Left:** A 'Model1 (Model1)' window showing a 3D point cloud of the coastline. The 'Objects' panel lists 'Point Clouds (0)', 'Points (62)', 'Point Names', 'PolyLines (2,251)', 'TINs (20)', 'Textures', 'Ortho-images (1)', 'with01', and 'Elevation Texts (C)'. A 'Stereo List' at the bottom shows a sequence of images.
- Bottom Right:** Another view of the 3D point cloud, showing a different color scheme (green, red, blue) for different terrain features. It also includes a 'Stereo List'.

At the bottom center, there is a large white text overlay: **UAV**.

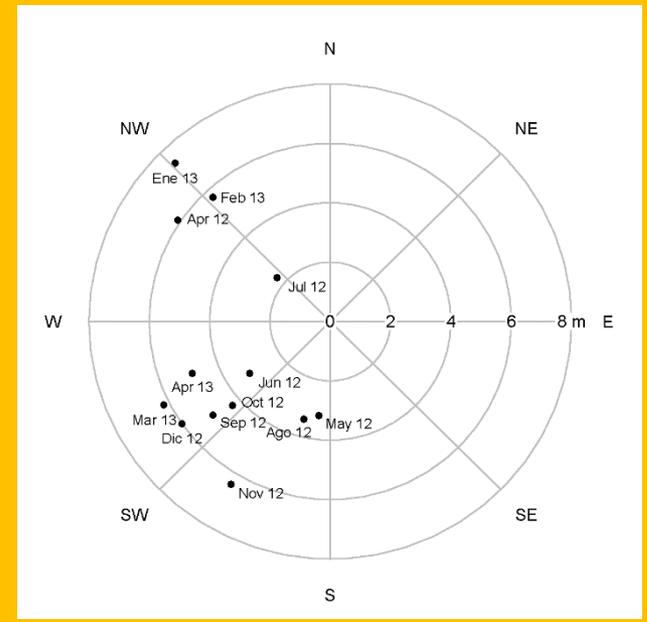
At the bottom of the software windows, technical data is visible: 'ANGLE 0.000, 0.000, 0.000 SCALE 1.331 KANA CAP NUM SC...' and 'FULL:0.0740741 ZOOM:1 KANA CAP NUM SC...'. The status bar at the very bottom reads 'For Help, press F1'.





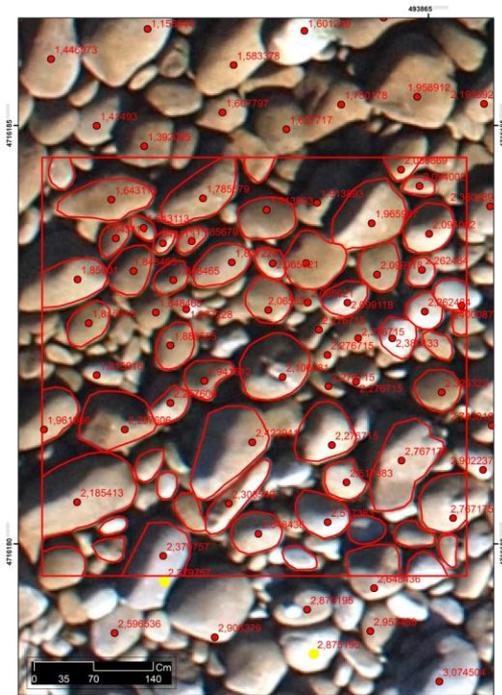


4.-Metodologia

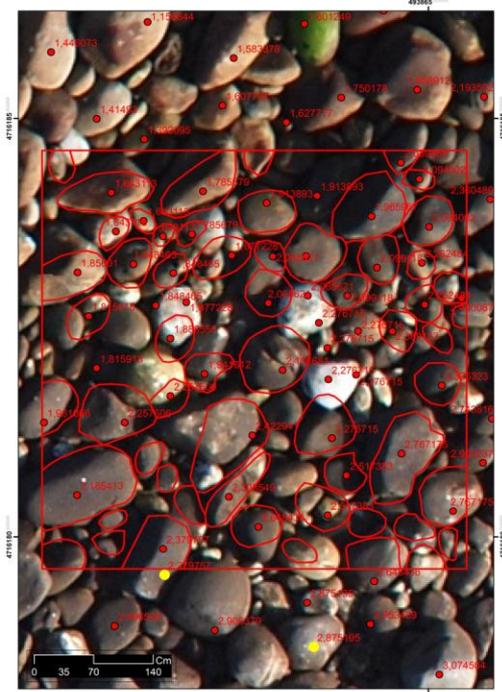
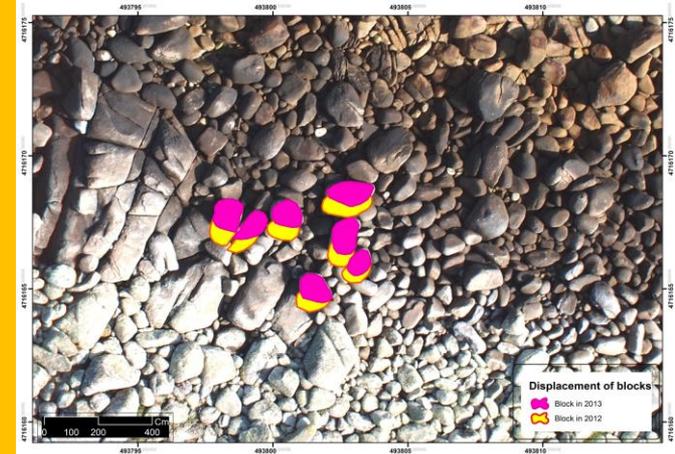


Laxe Brava

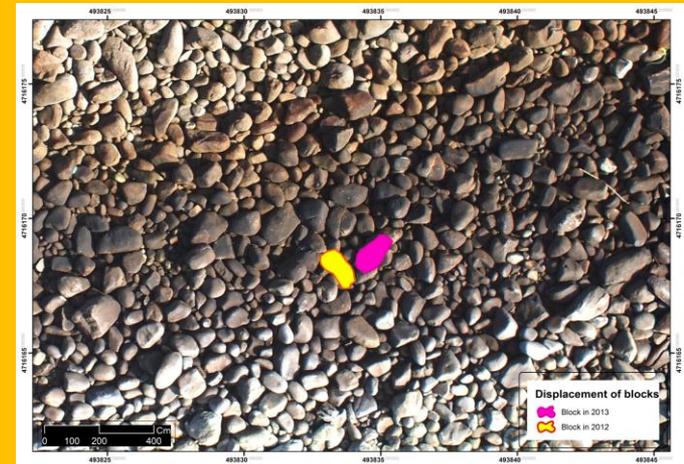




2012

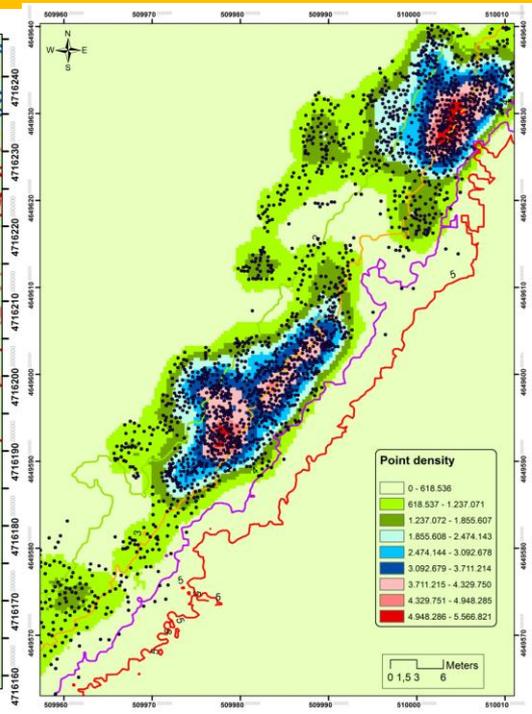
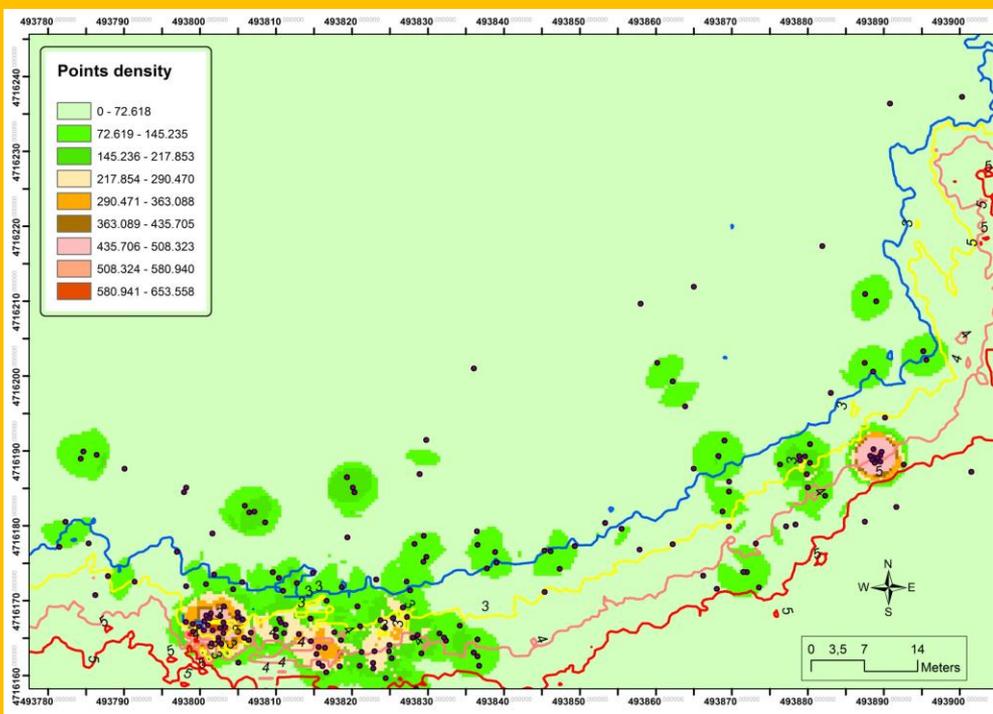
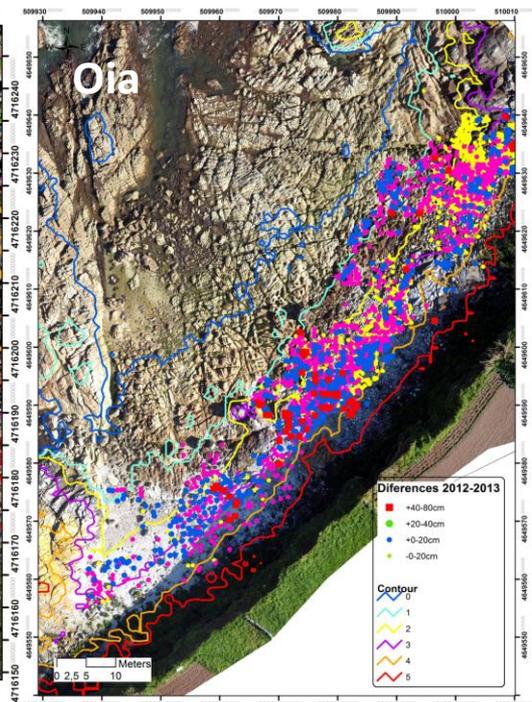
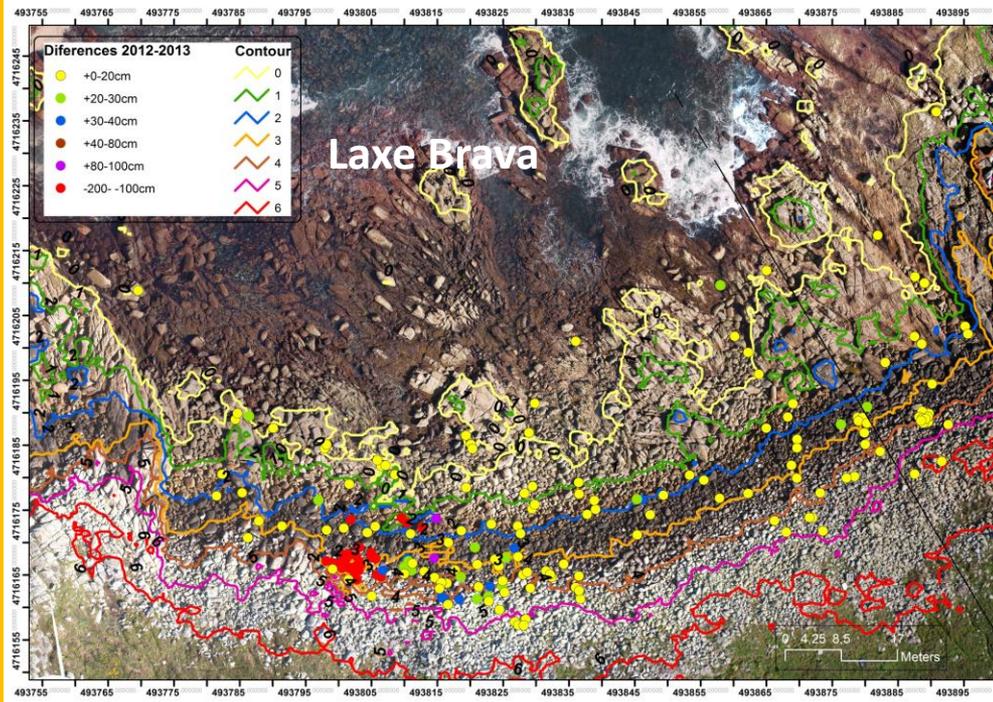


2013



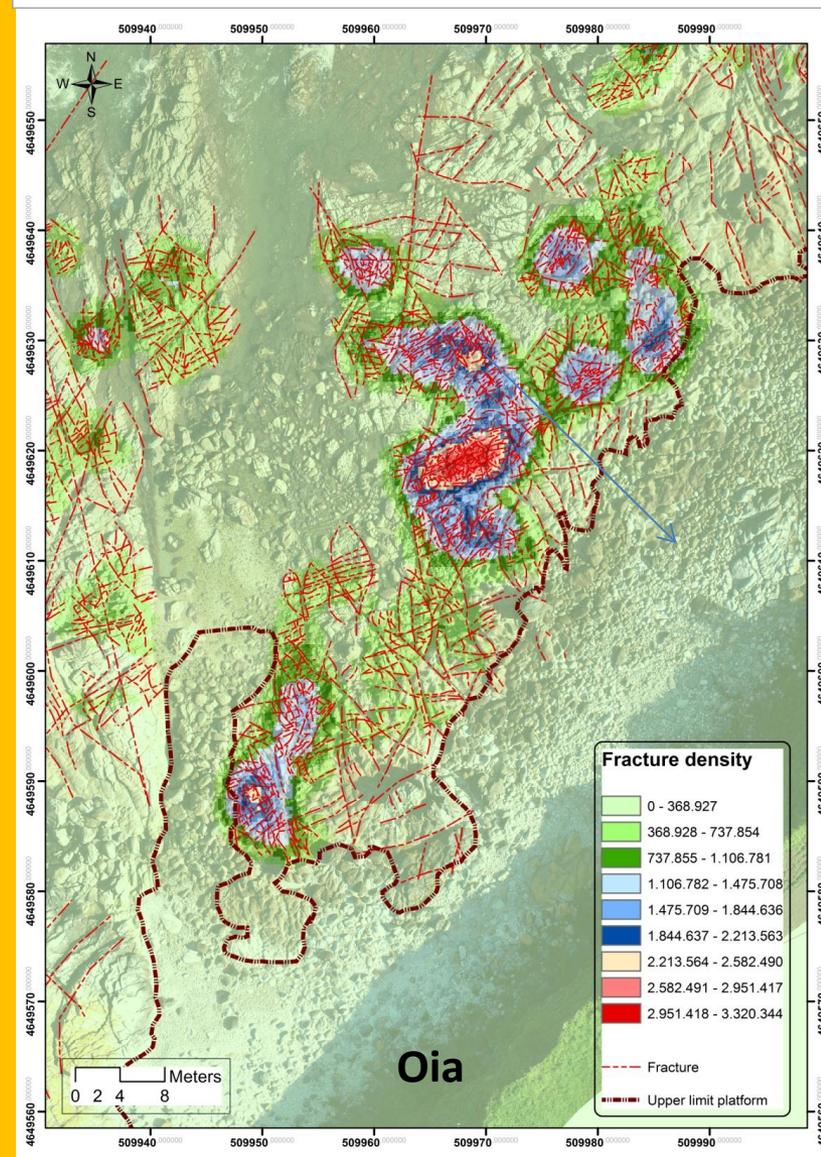
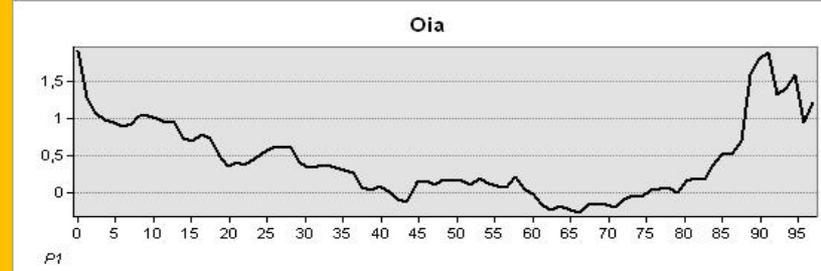
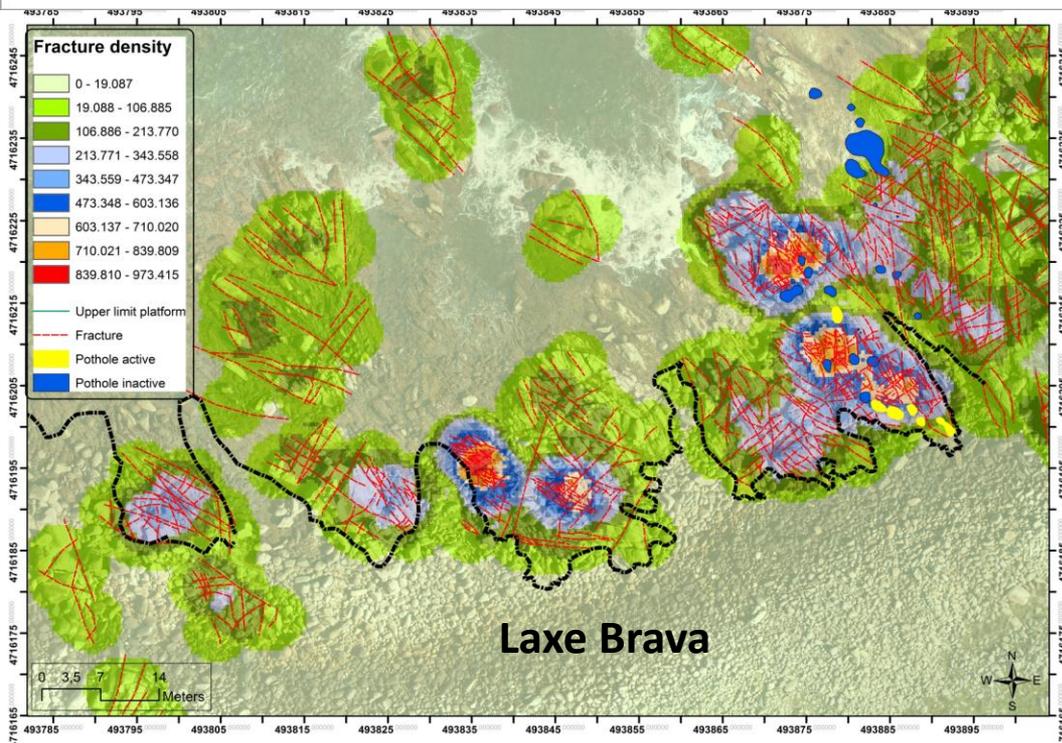
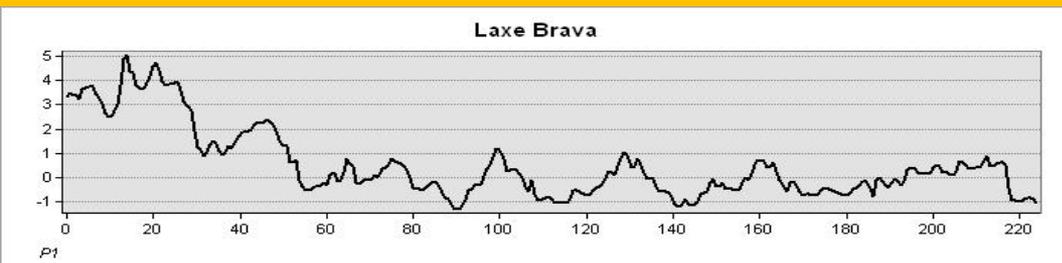
4.- Metodologia

- * Cambios en altitud 2012-2013.
- * Diferencias 2012-2013.
- * Densidade de mobilidade,



5.- Resultados.

- * Fracturación diferencial da plataforma.
- * Meteorización diferencial.
- * Alta relación entre o grao de fracturación e a topografía das plataformas.



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Letters to ESEX

An initial evaluation of drone-based monitoring of boulder beaches in Galicia, north-western Spain

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