|  |  |
| --- | --- |
| **Qeshm Island** | **(title sequence)** |
| Welcome back to Earthfrom Space. Qeshm Island, the largest island in Iran, is featuredin this Copernicus Sentinel-2 image. | Panorama of the entire image |
| The island lies in the Strait of Hormuz, parallel to the Iranian coast. With anarea of around 1200 sq km, Qeshm has an irregular outline and shape often compared to that of an arrow.  The island is approximately 135 km long and spans around 40 km at its widest point.  The image shows the largelyarid land surfaces on both Qeshm Island and mainland Iran.  The island generally has a rocky coastline except for the sandy bays and mud flats that fringe the northwest part of the island.  The Hara Forest Protected Area, a network of shallow waterwaysand forest, canbe seen clearly in the image, between Qeshm Island and the mainland.  Hara, whichmeans ‘greymangrove’ in the local language, isa large mangrove forest and protectedarea that brings more than 150 species of migrating birds during spring. The forest also hosts sea turtles and aquatic snakes.  The dome-shaped Namakdan mountain is visible in the southwest part of the island and features the Namakdan Cave  – one of the longest salt caves in the world.  With a length of six kilometres, the cave is filled with salt sculptures, salt rivers and salt megadomes.  The water south of Qeshm Island appears particularlydark, while lighter, turquoise colours can be seen in the left of the image most likely due to shallow waters and sediment content. | Slowly zoom into the yellow figure in the key  Can you show an overview of the island and add an arrow and text on screen that says: 135 km  Zoom over the greenbox in the key  Returnto the island and zoom over the white box in the key  Zoom over the blue box in the key  Show the following: [https://www.gettyimages.it/detail/video/m](https://www.gettyimages.it/detail/video/moving-forward-shot-of-mangroves-at-qeshm-island-and-filmati-stock/1137119415) [oving-forward-shot-of-mangroves-at-](https://www.gettyimages.it/detail/video/moving-forward-shot-of-mangroves-at-qeshm-island-and-filmati-stock/1137119415) [qeshm-island-and-filmati-stock/1137119415](https://www.gettyimages.it/detail/video/moving-forward-shot-of-mangroves-at-qeshm-island-and-filmati-stock/1137119415)  Returnto the image and slowly zoom into the red box in the key. Text on screen: Namakdan  Show these images: [Image 1](https://www.gettyimages.it/detail/foto/namakdan-salt-cave-on-qeshm-island-in-southern-immagine-royalty-free/1134992131) [Image 2](https://www.gettyimages.it/detail/foto/namakdan-salt-cave-on-qeshm-island-in-southern-immagine-royalty-free/1134992123)  Returnto the image and show the pink box in the key, when you hear ‘turquoise colours’ follow the pink arrow to show the water |

|  |  |
| --- | --- |
| Several islands can be seen in the watersincluding Hengam  Island, Larak Island and Hormuz Island which is known for its red, edible soil.  Several cloud formations can be seen in the bottom-right of the image, aswell as a part of the Musandam Peninsula, the northeastern tip of the Arabian Peninsula.  The peninsula’s jaggedcoastline featuresfjordlike inlets called ‘khors’ and its watersare home to dolphins and other marine life.  Data from the Copernicus Sentinel-2 mission can help monitor changes in urban expansion, land-cover change and agriculture monitoring.  The mission’s frequent revisits over the same area and high spatial resolution also allow changes in inland water bodies to be closely monitored. | Show the island in the key in order (1, 2 and  then end with 3). Can we add the text on screen as we show them:  Hengam Island Larak Island Hormuz Island  Pan over the clouds in the key (brown circle) then move down and show the purple box. Text on screen:  Musandam Peninsula  Show this image: [https://www.gettyimages.it/detail/foto/kho](https://www.gettyimages.it/detail/foto/khor-in-musandam-oman-immagine-royalty-free/480342072) [r-in-musandam-oman-immagine-royalty-](https://www.gettyimages.it/detail/foto/khor-in-musandam-oman-immagine-royalty-free/480342072) [free/480342072](https://www.gettyimages.it/detail/foto/khor-in-musandam-oman-immagine-royalty-free/480342072)  Show a clip from here: [Mapping in colour](https://www.esa.int/ESA_Multimedia/Videos/2015/04/Mapping_in_colour#.YIe-CpEcs5s.link) 00:06-until necessary  Returnto the image here and show the island again |
|  | Chiusura/roll credits |