**Delineating the Outer Limits of the Continental Shelf**

In Accordance with Article 76 of the United Nations Convention on the Law of the Sea

**ABSTRACT:**

The United Nations Convention on the Law of the Sea established the opportunity for coastal nations to potentially extend their maritime territory beyond the 200 nautical mile Exclusive Economic Zone, if eligible for extended continental shelf. The eligibility of a nation to submit such a claim to the United Nations (UN) is based on the delineation of the outer limits of the continental shelf. This requires the analyses of coastal baselines, bathymetry, and geophysical data, as well as calculating distance measurements using arcs. The UN has established numerous guidelines that must be adhered to during analyses and strict standards for submitting a claim. This poster outlines a process that was developed for producing and analyzing Law of the Sea claims using ArcGIS, based on the regulations and guidelines prescribed by the UN in Article 76. A proof of concept was established using ArcGIS tools and applications, which was tested via a case study and mock submission.

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