

保全対象別の基礎情報（深海平原）

保全対象：深海平原

保全対象の概要	深海盆底の一部をなす地形で、平坦もしくは勾配の非常に緩やかな地形に堆積物がたまった光合成基盤の生態系。人為的影響には非常に脆弱で、微小な生物の種の多様性が高い。
我が国周辺の分布特性	我が国周辺には四国海盆、日本海盆、西フィリピン海盆などの海盆の大部分に海山などの地形を伴って深海平原が広がる。
重要海域	重要海域 No.318、319（一部に深海平原が含む重要海域）
保全対象としての特徴	<地形> ・ 高低差がほとんどない、平坦な地形が特徴。海底地殻上に主に陸由来のシルト質の粒子の細かい堆積物の層が蓄積している。 <生態系> ・ 光合成基盤の生態系で、僅かに大気からもたらされる沈降物が堆積する。貧栄養の環境であることが特徴。緯度が低くなるほど貧栄養の生態系となる。 ・ 微小な生物の多様性は高いが、堆積物の沈降した安定した環境に成立するため、堆積物を巻き上げるような攪乱には脆弱である種が多いといわれている。一度攪乱をうけると容易には回復しない。 <生物相> ・ センチュウ類など微小な生物が中心の生物相である。 <人間活動の状況> ・ 遠隔地であり、また水深が深いことなどから深海においても最も人為影響がおよびにくく、基本的に人間活動はない。 ・ 鉱物資源（マンガン団塊、レアアース泥、コバルトリッチクラスト等）が分布する場合は、将来鉱物資源開発があり得る。
保全上の留意点	<保全対象の構成、ゾーニングの考え方等> ・ 攪乱には脆弱であるため、代表的な環境を、ある程度広がりを持って、緯度の高さごとに保全することなどが考えられる¹。 <海外の海洋保護区の例> 深海平原の生態系の保全を目的とした保護区の例は確認されないが、公海においては、マンガン団塊の開発申請区域であるクラリオン・クリッパートン断裂帯（CCZ）において国際海底機構（ISA）の管理の下、CCZ

¹ 専門家ヒアリングによる（平成 27、29 年度沖合域の生物多様性保全に係る調査分析業務報告書）

[illegible]

における環境管理計画が採択されており、「特別な環境関心海域 (Area of Particular Environmental Interest : APEI (9 箇所の 400km×400km の区域設定：下図白斜線区域))」が設定されている。

この区域内では探査及び開発にかかる申請は承認しないなど保護区的な扱いとなっている²⁾。

Clarion-Clipperton Zone Exploration Areas for Polymetallic Nodules

Legend:

- Area of Particular Environmental Interest (APEI)
- Reserved Areas
- Sustainable Use of the Seabed to the south of the Clarion-Clipperton Zone
- Clarion-Clipperton Zone Exploration Areas (CCZEA)
- Deep Ocean Resources Development Corporation (DORC) Japan
- China Ocean Mineral Resources Research and Development Association (COMRA) China
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Japan
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) France
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Korea
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Taiwan
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Philippines
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Indonesia
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Vietnam
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Laos
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Cambodia
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Thailand
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Myanmar
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Bangladesh
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Sri Lanka
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) India
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Pakistan
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Afghanistan
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Iran
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Iraq
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Kuwait
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Saudi Arabia
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Yemen
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Oman
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) United Arab Emirates
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Qatar
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Bahrain
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Brunei
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Malaysia
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Singapore
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Indonesia
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Philippines
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Vietnam
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Laos
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Cambodia
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Thailand
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Myanmar
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Bangladesh
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Sri Lanka
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) India
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Pakistan
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Afghanistan
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Iran
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Iraq
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Kuwait
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Saudi Arabia
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Yemen
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Oman
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) United Arab Emirates
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Qatar
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Bahrain
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Brunei
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Malaysia
- Southwest Pacific Ocean Resources Research and Development Association (SOPRDA) Singapore

