

REPUBLIC OF THE UNION OF MYANMAR

MINISTRY OF NATURAL RESOURCES AND ENVIRONMENTAL CONSERVATION DEPARTMENT OF GEOLOGICAL SURVEY AND MINERAL EXPLORATION



Workshop on Deep Seabed Resources and the Blue Economy for ASEAN & BIMSTEC Countries

Strengthening National Capacities for Coastal and Seabed Mineral Development- Myanmar's Experiences

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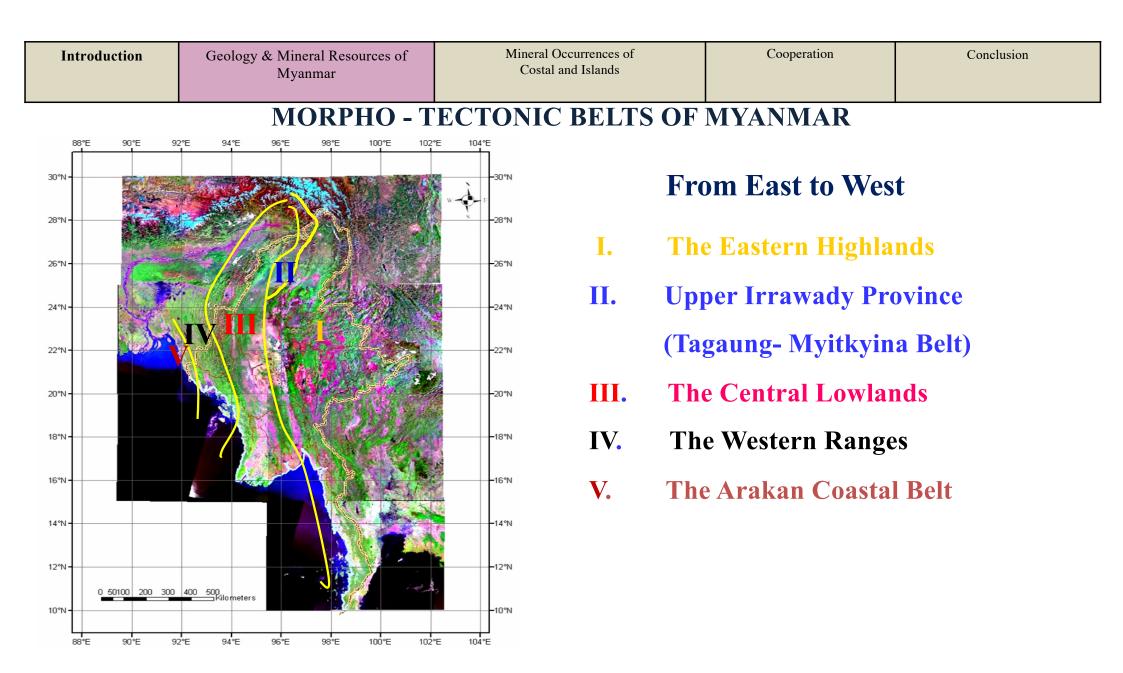
Ministry of Natural Resources and Environmental Conservation

Park Roval. Nav Pvi Taw

10th September 2019

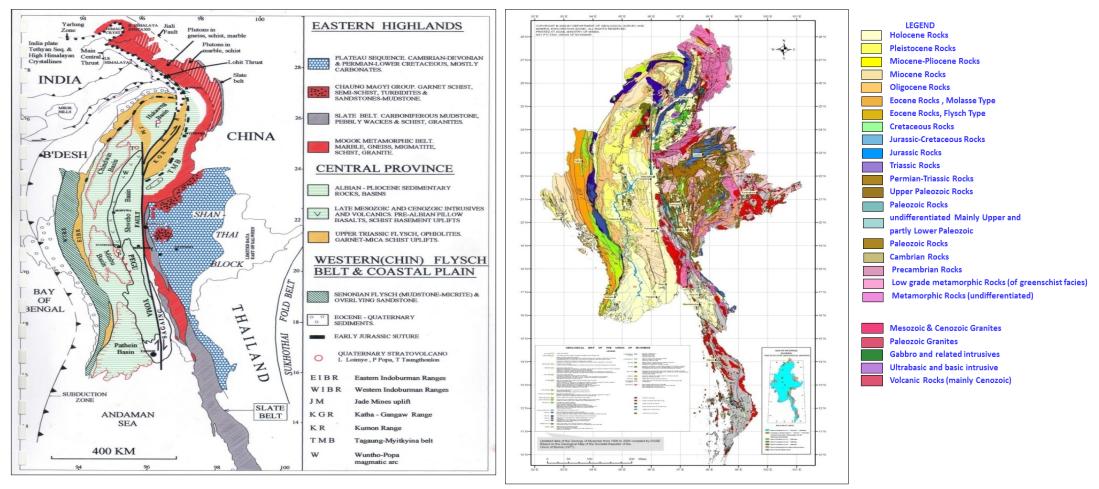
Introduction	Geology & Mineral Resources of Myanmar	Mineral Occurrences of Costal and Islands	Cooperation	Conclusion

- Myanmar has relatively rich in mineral resources compare to its country size and possesses long geological history.
- For future mineral resource management in Myanmar, it is necessary to study not only in land but also along the coastal and in seabed which is important for future reserve of national mineral resources.
- The DGSE, MONREC has few experience on seabed mineral exploration which needs the advanced techniques, technical knowhow and knowledge.
- We will try to implement the data collection for potential of seabed mineralization with international organization in the near future!



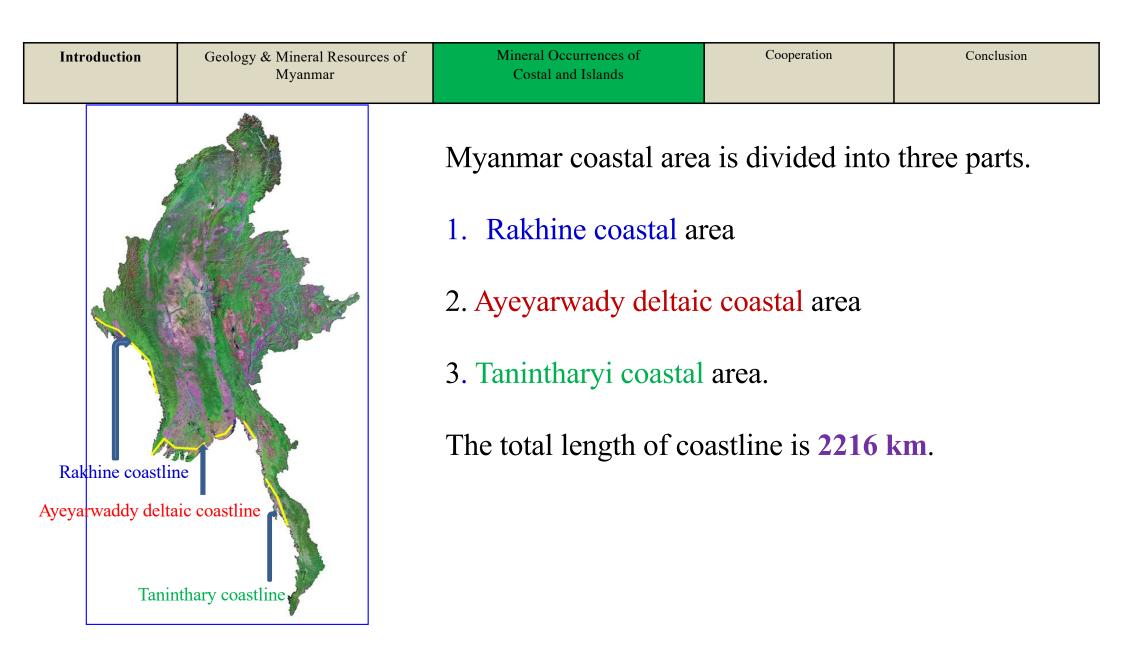
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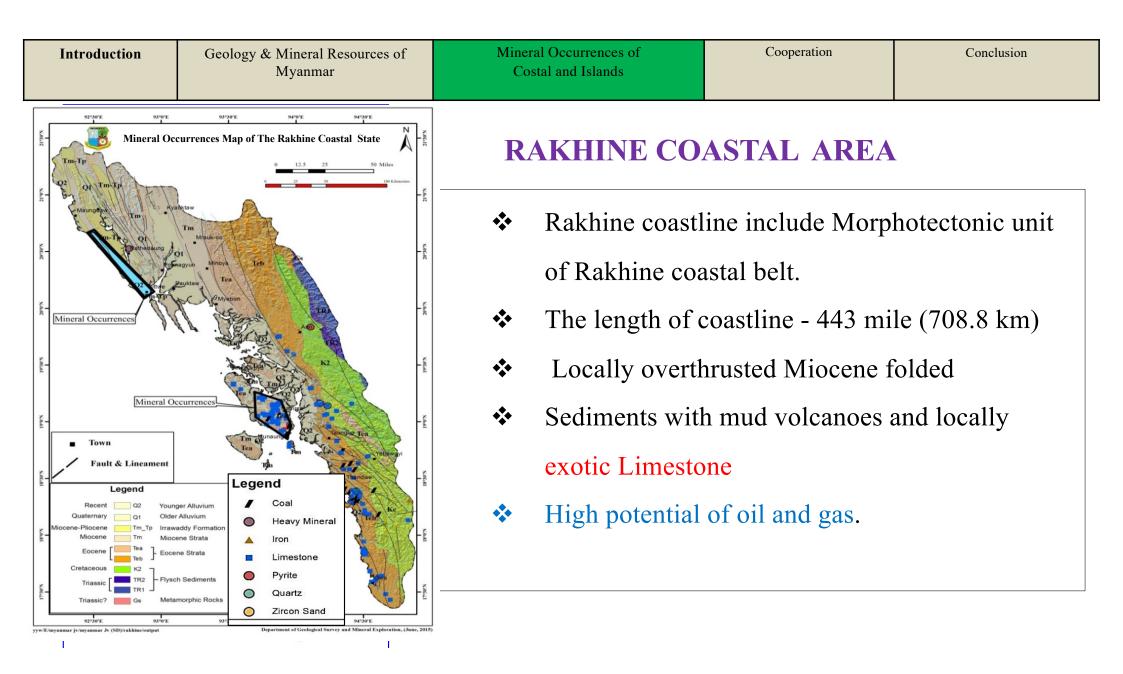
THE PRINCIPAL GEOLOGICAL FEATURES OF MYANMAR

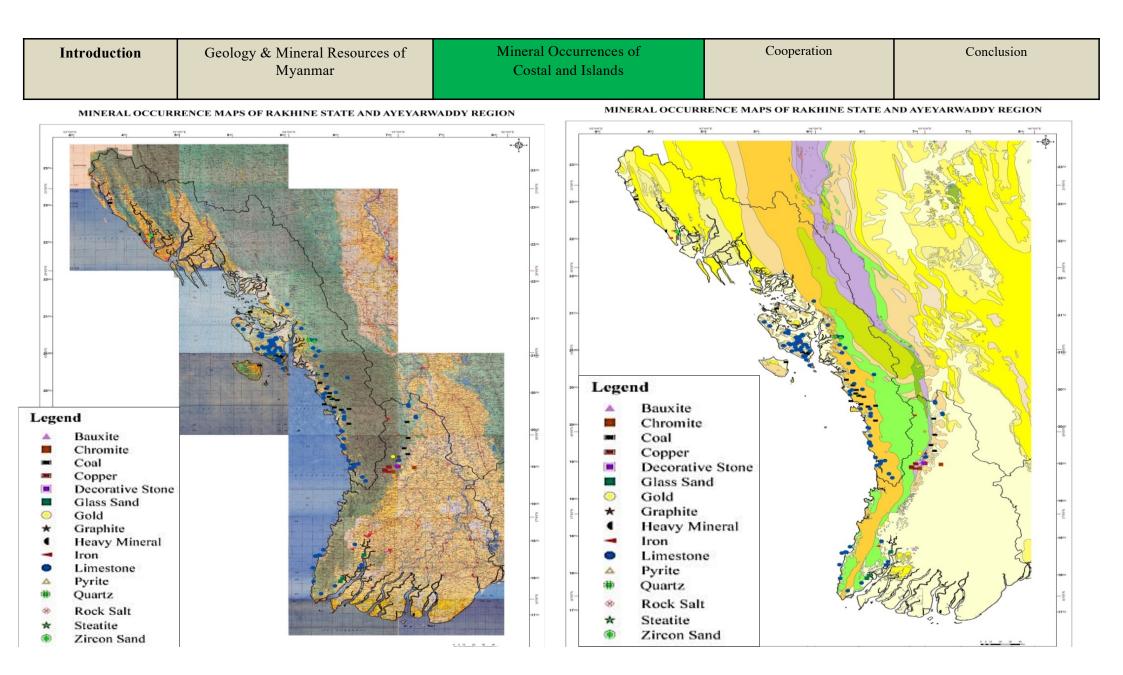


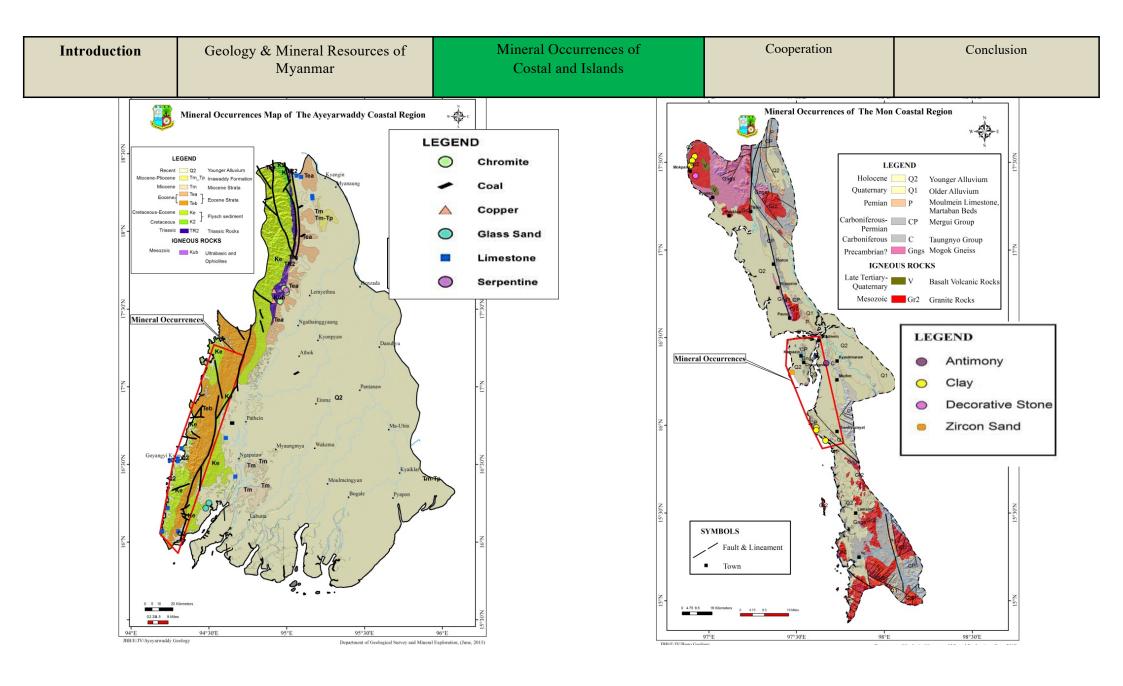
GEOLOGICAL MAP OF MYANMAR (2008)

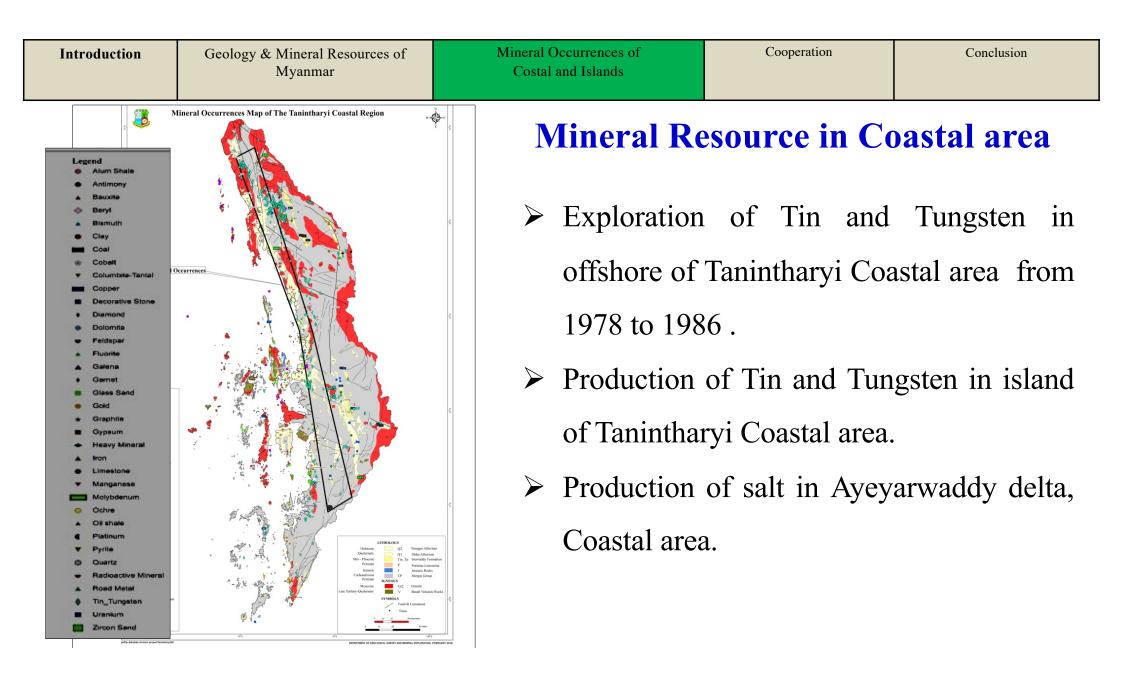
Introduction	Geology & Mineral Resources of Myanmar	Mineral Occurrences of Costal and Islands	Cooperation	Conclusion
	CHIN CHIN CHIN CHIN CHIN CHIN CHIN CHIN		INDEX Tin- Tungsten Belt Antimony Belt Lead – Zinc – Silver- Copper Belt Gold- Copper- Iron Be Nickel- Chromite- Iro Gold- Platinum & Jac Iron – Manganese Be Oil- Gas and Coal Bel The Precious Stone B	elt n-Copper- le Belt elt
	14*	14*	STATUS OF RESOURC	
		General Category Very Rich	Minera Jade, Ruby, Sapphire, Limestone	ls
		Rich	Cu, Pb, Zn, Sn, WO ₃ , Au, Coal, Barite	
		Fairly Rich	Sb, Ag, Ni, Gypsum, Oil & gas	
	10 ⁻ 92 ⁺ 94 ⁺ 94 ⁺ 94 ⁺ 100 ⁺ 1	Poor	Cr, Mn, PGM, Radioactive Minerals, Dia Bauxite, Mercury, Kaolin, Feldspar, Quar	

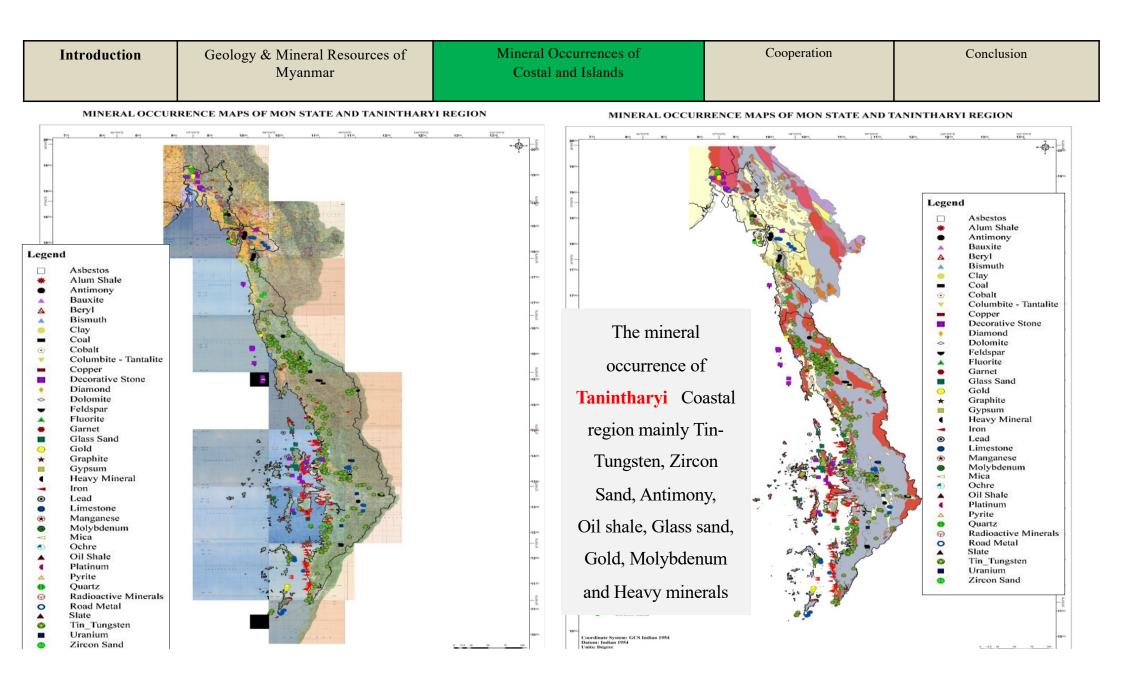










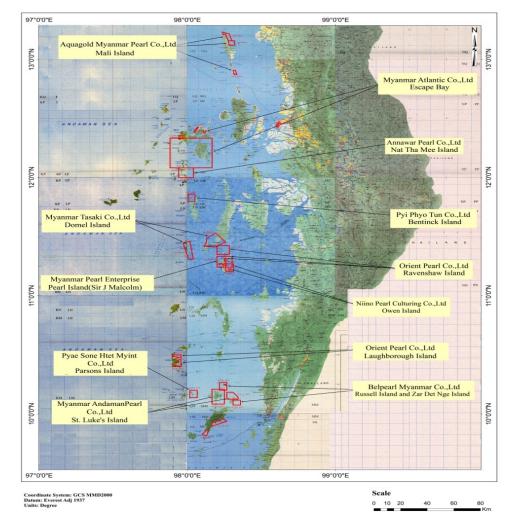


Introduction	Geology & Mineral Resources of Myanmar	Marine Geology of Myanmar	Mineral Occurrences of Costal and Islands	Cooperation	Conclusion

MYANMAR PEARL ENTERPRISE LOCATION MAP OF PEARL COMPANY BLOCKS

> Myanmar Pearl Enterprise

LocationMapofPearlCompany Blocks



Indian continent		Rakhine
		coast
	Bengal Fan sediments	
	Indian oceanic crust	

- Research Works and Collaborations
 - ✤ Geology of the Rakhine continental shelf
 - Sedimentology of the Bengal delta and submarine fan
 - Tectonic evolution of the Rakhine accretionary wedge
 - Tectonic evolution of the Bay of Bengal & India Ocean
 - Training and workshop on Marine Geology by CCOP, China (Coordinating Committee for Geosciences Programmers in East and Southeast Asia)

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	Relationship of International Geosciences Research						
1.	1. CCOP (Coordinating Committee for Geosciences Programmers in East and						
	Southeast Asia)						
2.	Cooperation with China Geological Survey (CGS)						
3.	KIGAM (Korea Institute of Geoscience and Mineral Resources)						
4.	Cooperation with JOGMEC (Japan Oil, Gas and Metal Corporation)						
5.	Department of Mineral Resource (DMR), Thailand						
6.	Geological Survey of Japan (GSJ-AIST)						
7.	Japan International Corporation Agency (JICA)						
					14		

Introduction	Geology & Mineral Resources of Myanmar	Mineral Occurrences of Costal and Islands	Cooperation	Conclusion

- Myanmar is endow with variety of Minerals and completed long geological history of Precambrian to Tertiary age.
- The MONREC, DGSE would like to invite the cooperation with international Geosciences Organizations for seabed mineral exploration which needs the advanced techniques, technical knowhow and knowledge.
- Survey and Exploration of possible occurrence on Mn, Co, Cu, and Ni nodules and REE in seabed of Myanmar.
- Survey on potential of seabed mineralization with international organization in the near future will provide the future reserve for mineral resource management and sustainable development in mining sector of Myanmar.

THANK YOU FOR YOUR ATTENTION!