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## The regulation of sustainable mangroves and coastal zones management in Indonesia

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Mangrove is a part of the forest ecosystem as a whole, and lives between land and sea. Mangroves are very important in the management of coastal resources in Indonesia. In addition to having influence in the coastal ecological system, the mangrove is also potentially economic, which are derived from three main sources, namely: Forestry, fisheries estuaries and coastal/internal waters. Mangroves have an important role in protecting coastal and maintaining the habitat for several species with diversity in certain coastal zones. In the past 5 years, the condition of mangrove forests has decreased both in number and in their wide functions as a buffer in the coastal zone. This was triggered by loosening licensing by the municipality or province to the entrepreneurs settlement, a location exploitation permit for companies or sites that are not environmentally friendly. It also triggered because they happen to overlapping legislation and mangrove forest management authority as part of the natural resources in coastal zones and illegal logging in mangrove forest. The research method used in this paper is a normative juridical, with the conceptual and statute approach. Based on data from the Ministry of Forestry Republic of Indonesia, there are Indonesia coastal zones that still have good potentials and the biggest areas of mangrove forest such as Papua, Eastern Borneo and Southern Borneo, Riau and South Sumatra. Sustainable and integrated management is necessary to prevent the loss of mangrove areas in Indonesia. The mangrove management should be integrated and sustainable based local community.

### Biography

Dina Sunyowati completed his Doctoral studies at the Post Graduate Programme of Airlangga University, Indonesia in the field of Law of the Sea. She is also working as a Lecturer for the course Law of the Sea, International Environmental Law and International Law. From the last 8 years, she regularly conducted research in the field of coastal management and small islands in Indonesia. Results from the study are regularly published in national journals and has been active in the seminar/national and international conferences. She is also active in Associations of Indonesian Coastal Management Expert.

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