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# Evaluation on the value of the ecosystem services of the coastal zone in Guangdong and Hainan

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The services of ecological system are critical to the functioning of the Earth's life-support system and they are (fundamental) for the sustainability of humans in the biosphere. In this paper, the authors evaluated the ecosystem services' value of the coastal zone in Guangdong and Hainan according to the report on the synthetical investigation on the coastal zone and tideland in Guangdong Province in 1987. The total value estimated of the ecosystem services of the coastal zone in Guangdong and Hainan is 316.97 US\$/a, among them the value of the terrestrial ecosystem services and the coastal waters account for 187.38 US\$/a and 129.59 US\$/a, respectively. This value account for 4.07% of that of the whole country in China. In the nutrient cycling, (water) regulation, recreation and water supply have higher values and account for 6.17%, 3.98%, 3.66%, and 3.37% of that of the (whole) country in China, respectively. This value of 316.97 US\$/a is just a lower and conservative evaluation and more efforts (should) be done to accurate this evaluation.

【Key Words】 : **Guangdong-Hainan the coastal zone ecosystem services value**

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