

Analysis of hull performance on fast patrol boat with an extended study of survivability under damaged conditions

Pratama, Angga Sifta; Prabowo, Aditya Rio; Muhayat, Nurul; **Putranto, Teguh**; Tuswan, Tuswan IOP Conference Series: Earth and Environmental Science ; 1166, 1 2023 / art. 012046 <https://doi.org/10.1088/1755-1315/1166/1/012046> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Conceptual design and performance evaluation of COVID-19 vessel for public health service in Indonesia's remote island

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Crashworthiness performance of stiffened bottom tank structure subjected to impact loading conditions : ship-rock interaction

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Effect of bilge keel variations on the designed fast patrol boats to hull resistance and stability behaviours

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Fast ship prototype design simulation with fin stabilizer on hydrodynamic characteristics for ship realization planning

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Investigation of environmental factors on the resistance characteristic : study case of the designed patrol boat hull

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Investigation of hull design to quantify resistance criteria using holtrop's regression-based method and savitsky's mathematical model: A study case of fishing vessels

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Simulation of the behavior of a ship hull under grounding : effect of applied element size on structural crashworthiness

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Tensile analysis and assessment of carbon and alloy steels using FE approach as an idealization of material fractures under collision and grounding

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