

# Project 14 – Autonomous Vehicle

**Overview** – Drone technology has provided a new market of cheap, high accuracy positioning and autonomous products. The weather and remote sensing limitations of aerial drones inspired the idea of transferring this technology to a beach rover. The potential for an autonomous rover, hovercraft or vessel to replace humans could increase survey safety, productivity, weather and daylight restrictions, reduce environmental impact and reduce cost

**Aim** - A cheap and easy to construct, reliable autonomous vehicle using off the shelf components for accurate, repeatable intertidal surveys

**Who/Collaboration** – Sivert Havso, Dr. Fred Labrosse, Dr. Patricia Shaw - Aberystwyth University, Gwyn Nelson – WCMC, Kess2 (funding)

**Results** - Project ongoing, due November 2021



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