

WBP ACADEMIC/VOLUNTEER RESEARCH PROJECT PROPOSAL 9

Project title:	Evaluating the value of the ecosystem services provided by intertidal sediment flats		
Lead Organisation:	Natural Resources Wales	Project leader:	
		Paul Brazier	
Address: Address: Mase-y-Ffynnon, Penrhos Garnedd, Bangor	Email: Paul.Brazier@cyfoethnaturiolcymru.gov.uk Tel: 01248 38 7165 / 07909 874497 Mob:		
Collaborating institutions:	CEH (suggested – not yet approached)		
Location:			
Start date:		Completion required by:	
Project rational/ What is the specific question being asked?			
Intertidal sediment flats provide the following ecosystem services and benefits: <ul style="list-style-type: none"> • Coastal defence through wave attenuation • Shellfish food (fisheries) • Wild collected food (gathering) • Bait collection • Food source for young fish and shellfish • Primary productivity • Nutrient recycling • Recreation and tourism • Intrinsic value to the landscape • Intrinsic value of the biodiversity <p>The value on a site by site basis is not well understood and some services / benefits may be traded off against each other. There is merit in considering a few case studies to identify the best options for marine spatial planning and management.</p>			
Can this project be divided into more than one project? If yes, clarify above			
Aims: - Identify best practice for marine planning and management - identify overriding issues and values			
Scale of project?	Site-specific? Name site & any designation.	Range of sites? Name sites & any/ designation.	Suggested site/s/locations?
Access to previous data/reports on site?	YES/NO	RA¹ attached	YES/NO
Logistics managed by:	Lead Organization:	YES/NO	Researcher
			YES/NO
Opportunity for follow-on student placement with Lead Organisation?			YES/NO
Training element/skills required:			

¹ RA: Risk Assessment

Expected deliverables:
Resources required:
Any special considerations:

Return completed form to: tracey.loving@cyfoethnaturiolcymru.gov.uk Tel: 01970 631177 / 07779 010580