DP\100047

Improving small island resilience and self-sufficiency in habitat monitoring+management

Soanes, Louise | Roehampton University

Funding sought	**£119,284.00**
Project start/end	**1 Apr 2018 - 31 Mar 2020**

1. Contact Details

Q1. Lead applicant contact details

Please enter the contact details for the lead application. The lead applicant is the same as the Flexi-Grant account holder. Please note that the Flexi-Grant account holder will be the only contact point for the application.
Additionally, please add contact details for the Project Leader if this is different from the lead applicant.

Dr Louise Soanes

Project lead
Primary Applicant
https://www.roehampton.ac.uk/life-sciences/
(Work)

Life Sciences, University of Roehampton, Whitelands Campus, London, SW15 4JD, United Kingdom (Work)

Q2. Lead organisation contact details

Please enter the applicant organisation details

Roehampton University

Grove House, Roehampton Lane, London,
SW15 5PJ, United Kingdom

Q3. Lead organisation type

Please select one of the below options.

Other (e.g. Academic)

Please add any 'Committee Feedback' to the field below:

Please add any 'Specific Ineligibility' feedback to the field below:

Please add any 'Conditions' to the field below:

Please add any 'Positive Feedback to the field below:

2. Title, Dates & Budget Summary

Q4. Project title

Improving small island resilience and self-sufficiency in habitat monitoring+management

Q5. Project dates

Start date:	End date:	Duration (e.g. 2 years, 3 months):
01/04/2018	31/03/2020	2 years

Q6. UKOT(s)

(See Guidance Notes)
Which UK Overseas Territory(ies) will your project be working in? You may select more than one UKOT from the options below.

British Virgin Islands (BVI)

*** if you have indicated a territory group with an asterisk, please give detail on which territories you are working on here:**

In addition to the UKOTs you have indicated above, will your project directly benefit any other country(ies)? If so, list here.

Q7. Budget summary

Year:	2018/19	2019/20	2020/21	Total request
Amount:	£59,267.00	£60,017.00		£119,284.00

Q7b. Proposed (confirmed and unconfirmed) co-financing as % of total project cost	21

3. Lead Organisation Summary

Q8. Lead organisation summary

Please provide the following information on the lead organisation

What year was your organisation established/ incorporated/ registered?	23/06/2004
What is the legal status of your organisation?	◉ Other (if selected, please explain below)
Other explained	An exempt charity and private company limited by guarantee
How is your organisation currently funded?	A combination of funding sources from government funding bodies, student tuition fees, and private research funds
Have you provided the requested signed audited/independently examined accounts? If you select "yes" you will be able to upload these. Note that this is not required from Government Agencies.	◉ No

Please provide details:

Accounts have been sent separately as too large to attach here.

Q9. Has your organisation been awarded Darwin Initiative funding before (for the purposes of this question, being a partner does not count)?

Yes

If yes, please provide details of the most recent awards (up to 6 examples)

Reference no.	Project leader	Title

DPLUS0035	Lewis Halsey	BVI Seabird Recovery Planning Programme
EIDPR057	Stuart Semple	Post release monitoring of orangutans in Tabin Wildlife Reserve, Sabah

4. Project Partners

Q10. Project partners

Please list all the partners involved (including the Lead Organisation) and explain their roles and responsibilities in the project. Describe the extent of their involvement at all stages, including project development. This section should illustrate the capacity of partners to be involved in the project, and how local institutions, local communities, and technical specialists are involved as appropriate.
Please provide written evidence of partnerships. Please add fields for more partnerships, if required. Details on roles and responsibilities in this project must be given for the Lead Organisation and all project partners.

Lead Organisation name:	University of Roehampton
Details (including roles and responsibilities and capacity to engage with the project):	Dr Soanes will act as project leader and project coordinator with support from Dr Halsey. She will be responsible for overall project evaluation and monitoring. Over the last five years Dr Soanes has established a good working relationship with both the local project partners, the Jost Van Dykes Preservation Society (JVDPS), and Virgin Islands National Parks Trust (NPTVI), including having working on previous Darwin plus projects DPLUS007 and DPLUS037. Dr Soanes has also accumulated a range of experience relative to this project during her time based in the Caribbean including marine and terrestrial habitat surveying, community engagement activities and working with local government agencies. Thus, she has considerable, long-term experience working in the territory and a strong understanding of the potential challenges that working in a Caribbean UKOT and successfully completing a Darwin plus project can involve. Dr Halsey, an eco-physiologist who has led a successful Darwin Plus grant focussing on the British Virgin Islands (DPLU035), will use his experience of managing large grants to provide project oversight and ensure project objectives are met within the budget.

Do you have partners involved in the Project?

Yes

The limit for any single file uploaded as supporting materials with your application is 6MB. Please ensure documents are saved in PDF form where possible in order to minimise size.

1. Partner Name:	Jost Van Dykes Preservation Society (JVDPS)
Website address:	http://jvdps.org/
Details (including roles and responsibilities and capacity to engage with the project):	JVDPS Executive Director Susan Zaluski has ten years of experience working for environmental organisations in the Virgin Islands, thus she has a well-developed understanding of the feasibility of projects there & the best way to manage them & achieve the best results in the local environment. Ms Zaluski's well established BVI contacts and working relationships will be utilised during this project to ensure community engagement and appropriate costings for project activities. Based locally, Ms Zaluski will act as project manager, and will be responsible for organising the logistics of field work activities, as well as ensuring survey data are stored and collated appropriately. She will also lead on stakeholder engagement activities. Two part-time local field workers from JVD or the neighbouring island of Tortola will be employed to conduct fieldwork and assist in stakeholder engagement. These two employees will ideally already be trained in scuba diving and/or be boat handlers, and will have some existing environmental/biological survey experience. Over the past five years JVDPS has supported the certification of 13 local youth in scuba diving and has a significant volunteer base who assist regularly with field activities, thus appropriate field workers should be forthcoming from this part of the community.
Would you like to include a letter of support from this organisation?	○ Yes

Letter of Support:	**The limit for any single file uploaded as supporting materials with your application is 6MB. Please ensure documents are saved in PDF form where possible in order to minimise size.**

Do you have more than one partner involved in the Project?

Yes

2. Partner Name:	Royal Society for the Protection of Birds (RSPB)
Website address:	www.rspb.org.uk

Details (including roles and responsibilities and capacity to engage with the project):	The RSPB's overarching strategic ambition for the UK Overseas Territories is structured via focus on Species; Sites, Policy, and Capacity Development. It has experience in working with BVI partners including the JVDPS and the NPTVI on various conservation projects of national and regional significance such as the EC- BEST funded cross- Territory projects entitled "Conserving Species and Sites of International Importance by the Eradication of Invasive Alien Species in the Caribbean UK Overseas Territories" (2013-2015).and Securing pockets of paradise in the Caribbean; embedding capacity for invasive alien species management in UKOT based organisations (2016-2019) Lyndon John serves as UKOT's officer (Caribbean) responsible for conservation project management, policy and technical capacity building with conservation agencies in the UKOTs of Anguilla, the BVIs and Montserrat. He brings a wealth of regional experience in conservation management and planning to the role of advising the Project Steering Committee, facilitation of workshops and review of technical reports, and he also brings background experience in developing climate change vulnerability assessments for Saint Lucia and Dominica, and in their preparation of national climate change reports to UNFCCC.
Would you like to include a letter of support from this organisation?	◉ Yes
Letter of Support:	_____

3. Partner Name:	
Website address:	
Details (including roles and responsibilities and capacity to engage with the project):	

Would you like to include a letter of support from this organisation?	○ Yes ○ No

4. Partner Name:	
Website address:	
Details (including roles and responsibilities and capacity to engage with the project):	
Would you like to include a letter of support from this organisation?	○ Yes ○ No

5. Partner Name:	
Website address:	
Details (including roles and responsibilities and capacity to engage with the project):	
Would you like to include a letter of support from this organisation?	○ Yes ○ No

6. Partner Name:	
Website address:	

Details (including roles and responsibilities and capacity to engage with the project):	
Would you like to include a letter of support from this organisation?	○ Yes ○ No

If you require more space to enter details regarding Partners involved in the Project, please use the text field below.

5. Project Staff

Q11. Project staff

Please identify the core staff on this project, their role and what % of their time they will be working on the project.
These should match the names and roles in the budget spreadsheet.
Please provide 1 page CVs for these staff.

Name (First name, Surname)	Role	% time on project	CV attached below?
Louise Soanes	Project Leader	25	☑
Lewis Halsey	Project Advisor	2	☑
Susan Zaluski	Project Manager	33	☑
Lyndon John	Conservation biologist/project advisor	8	☑

Do you require more fields?

Yes

Name (First name, Surname)	Role	% time on project	CV attached below?
Kathleen McNary Wood	Consultant for resilience assessments	6	☑
To be employed	Project Officer	25	☐
To be employed	Project Officer	25	☐

			☐

Please provide 1 page CVs (or job description if yet to be recruited) for the Project staff listed above. Ensure the file is named clearly, consistent with the named individual and role above.
The limit for any single file uploaded as supporting materials with your application is 6MB. Please ensure documents are saved in PDF form where possible in order to minimise size.

_____	
_____	
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Have you attached all Project staff CVs?

Yes

6. Background & Methodology

Q12. Summary of Project

Please provide a brief summary of your project, its aims, and the key activities you to undertake. Please note that if you are successful, this wording may be used by Defra in communications e.g. as a short description of the project on GOV.UK. Please bear this in mind, and write this summary for a non-technical audience.

> Following the devastating 2017 hurricane season, improving island resilience to extreme weather events is at the forefront of the BVI community's mind. This project will promote the value of natural coastal+marine habitats in providing protection against future extreme weather. Focusing on the small inhabited island of Jost Van Dyke, we will assess the resilience of key terrestrial and marine habitats, establish environmental baselines, produce long-term management plans, increase awareness of the value of key habitats and implement resilience recovery measures.

Q13. Background

What is the current situation and the problem that the project will address? How will it address this problem? What key OT Government priorities and themes will it address?

> The 2017 hurricane season was the worst on record in the Caribbean, with a Category 4 and Category 5 hurricane hitting the BVI in September, and severe flooding earlier in the season.
>
> Climate change models predict that the intensity and frequency of tropical storms will increase. While increasing the resilience of infrastructure and economies to the effects of severe weather is forefront in the BVIs Government's mind, the benefits of healthy ecosystems in terms of improving the resilience of islands to the effects of storms is often overlooked.
>
> This project will fill this gap, focussing on the island of Jost Van Dyke (JVD) and its surrounding offshore cays, which are the location of several marine and terrestrial reserves. The aims are: (1) assessment of the resilience of key habitats to extreme weather and establishment of ecological baselines, (2) development of community led conservation management actions and (3) awareness-raising of the importance of healthy natural habitats in building island resilience to extreme weather.
>
> This project supports official BVI environmental priorities: fulfilment of national planning instruments (National Integrated Development Strategy, Protected Areas System Plan) and commitments of regional and international environmental agreements, (e.g. BVI Environmental Charter and Convention on Biological Diversity).

Q14. Methodology

Describe the methods and approach you will use to achieve your intended outcomes and impact. Provide information on how you will undertake the work (materials and methods) and how you will manage the work (roles and responsibilities, project management tools etc). Give details of any innovative techniques or methods.

This project will focus on the inhabited island of Jost Van Dyke (JVD; 8 km2, circa 300 inhabitants) and its surrounding uninhabited offshore cays (map 1). JVD and its offshore cays are home to globally important seabird populations, four proposed marine parks, 11 mangrove areas and eight beaches/dune systems (map 2).
This project has four primary outputs including:
(1) Baseline data collection and assessment of the status and resilience of key habitats in JVD and its offshore cays to future climate change. Using IUCN guidelines and widely accepted methodology for assessing the future resilience of coral reefs, seagrass beds, mangroves and dune systems to future climate change, key habitat resilience will be ranked and prioritised to identify those ecosystems that would and could benefit from increased resiliency. Following resilience assessments, baseline data collection will be conducted monthly at key habitats for 12 months of the project according to standard methodologies [1] [2] [3] [4] [5]. Training in methods of habitat surveying and resiliency assessments will be provided by Dr Kathleen Wood from the Turks and Caicos Islands at the start of the project.
(2) Development of conservation management actions to increase the resilience of key ecosystems to severe weather events, incorporating stakeholder input. Following on from Output 1 stakeholder consultation will inform priority actions for restoring key habitats in JVD and its surrounding cays to improve the resilience of these habitats to extreme weather. These actions will be community led and may include:
(a) the establishment of a mangrove and sea-grape nursery on JVD to provide seedlings for regeneration at identified priority mangroves and sand dune systems;
(b) removal of debris (deposited by the hurricanes) from the marine environment;
(c) actions to reduce the risk of erosion of sand dunes/coastlines [6]
(c) educational activities undertaken to reduce human-induced damage to habitats, for example damage caused to benthic habitats from anchoring, and over-fishing.
(3) Increasing understanding of the important role that healthy terrestrial and marine ecosystems can play in improving small island resilience to extreme weather events. This project will raise awareness within the local JVD community and the wider BVI through regular stakeholder and community engagement, including two training workshops, regular stakeholder meetings, and providing paid employment opportunities for the local community. The objectives of this project will be used as a theme in the JVDPS educational summer camps, and in the local community colleges' marine school classes. Regular newspaper articles and social media postings will be used to increase local awareness of the project.

This project will be overseen and led by UoR's Dr Louise Soanes, with Susan Zaluski (JVDPS) acting as local project manager. Project partners will provide project oversight and assist with training and stakeholder consultation when required. Local JVD community engagement is key to this project, and will be encouraged and sought throughout the course of the project.

If necessary, please provide supporting documentation e.g. maps, diagrams etc., using the File Upload below.
The limit for any single file uploaded as supporting materials with your application is 6MB. Please ensure documents are saved in PDF form where possible in order to minimise size.

_____	
_____	

7. Objectives, Stakeholders & Sustainability

Q15. Project Objectives

How does this project:

- Deliver against the priority issues identified in the assessment criteria
- Demonstrate technical excellence in its delivery
- Demonstrate a clear pathway to impact in the OT(s)

a) Priority issues
This project will deliver against the following priority issues:
(1) Developing approaches to deal with the effects of climate change. Output 3 will raise awareness of the positive effects that healthy coastal ecosystems can play in protecting against extreme weather events. We will also assess the quality and ecosystem value of key habitats (mangroves, dunes, coral reef and seagrass beds) in the study area and identify which are presently most and least resilient to climate change threats (Output 1), and which of these can be improved/made more resilient (Output 2), leading to make stakeholder-informed management plans for improving resilience of these key habitats
(2) Developing data systems on biodiversity to help develop policies and management plans. This should include baseline surveys and subsequent monitoring. Output 1 of this project will collect baseline biodiversity data and make the first assessments of the resilience and quality of key ecosystems in JVD. These will feed into long-term community led management and resilience building conservation actions (Output 2),
(3) Improving marine conservation, protection, and management, including developing integrated marine management plans. The collection of baseline data of key ecosystems in JVD and the assessment of the resilience of these ecosystems (Output 1), will feed into long-term monitoring plans and subsequently stakeholder driven and JVD focused, management plans (Output 2).

(b) Technical excellence
The project was planned jointly by JVDPS and ecologists from the UoR in consultation with the National Parks Trust of the Virgin Islands (NPTVI), RSPB and the local JVD community, and thus draws upon the collective experience of numerous individuals and institutions with proven track records in species recovery, biodiversity monitoring, and capacity building. All project partners have been previously involved in the successful implementation of other Darwin Plus funded projects. The proposed project builds upon the outputs and the existing working relationships from two previous, successful, Darwin Plus funded projects (DPLUS007 and DPLUS035). These projects collected baseline data for breeding seabirds and created long-term monitoring plans for key seabird populations in the BVI, as well as building local capacity on survey and monitoring techniques. JVDPS is also a member of a cross-territory Caribbean UKOT network of National Trust organisations. We will use this platform to define project methodologies and activities.
b) Impact in OTs
This project will be managed locally by JVDPS working in close collaboration with

NPTVI and the BVI Government's Department of Fisheries and Conservation (DCF), thus ensuring the engagement of natural resource managers from NGOs to Government. Fieldwork will be conducted by local staff, who will be trained in appropriate survey methodologies. Local school children and students attending the H. Lavity Scout Community College will also be engaged in project activities, including re-planting of mangroves, terrestrial and marine surveying, and educational outreach activities. Stakeholder consultation and stakeholder informed actions are key to this project for ensuring that there is local buy-in for project activities and sustainability of the project outputs in the long-term. Technical support will be provided by project partners to both collect

Q16. Project Stakeholders

Who are the stakeholders for this project and how have they been consulted (include local or host government support/engagement where relevant)? Briefly describe what support they will provide and how the project will engage with them.

The project has been devised through an ongoing programme of collaborative work between the partner agencies. This project benefits and involves the following stakeholders:
BVI Government: This project involves the Ministry of Natural Resources and Labour's two main environmental authorities: CFD+NPTVI. Government representatives will be involved in stakeholder meetings and offered training opportunities throughout the project.
Jost Van Dyke community: With around 300 inhabitants, most of the working population relies on the tourism and/or fishing industry. The 2017 hurricane season caused widespread destruction to JVD livelihoods. While the residents continue with rebuilding their lives and their island, measures to reduce the future impact of severe weather will be at the forefront of their minds. With a relatively small population and island size, the proposed project will aim to reach every member of the JVD community through stakeholder consultation and outreach activities. JVDPS has already consulted key members of the local community during the development of this project
H. Lavity Stoutt Community College: has a faculty that routinely conducts research in the natural sciences. The College can therefore make a significant contribution to the project through supporting research and monitoring programmes.
Wider BVI community: While this project focuses on JVD and its surrounding offshore cays, we intend to showcase our work in JVD as a pilot study that can be applied across the wider territory. Island wide press releases, newspaper articles and postings on JVDPS social media sites will ensure the outcome of this project reaches the wider BVI community.

Q17. Institutional Capacity

Describe the lead organisation's capacity (and that of partner organisations where relevant) to deliver the project.

In 2015 the UoR was ranked as the best modern university in the UK. The institution boasts a strong research environment with high calibre research staff. The Department of Life Sciences is unique in that it is home not only to a team of scientists with interests in general biology and zoology but also to social anthropologists who see the relationship between social anthropology and biology as key to achieving community education and policy change. Academics within the department have a wide range of expertise relevant to the proposed project including in marine spatial planning, seabird tracking, social and policy surveying, and are engaged in collaborative work with researchers both within the University and at other institutions and organisations in the UK and abroad. Academics and students within the department will be informed and their advice sought on project objectives and activities through two seminars given by Dr Soanes, once at the start of the project and once in the second year of the project. Drs Soanes and Halsey have established research projects already on-going in Anguilla and the British Virgin Islands, including successfully leading DPLUS035 in the BVIs (Halsey and Soanes), and DPLUS035 In Anguilla and BVI (Soanes). Both Halsey and Soanes are also project partners on an ongoing EU BEST funded project in Anguilla focusing on the conservation of sea turtles. Halsey and Soanes will provide overall support for the project to ensure all outputs are met. Dr Soanes, who is based in the Caribbean, will provide more specific project assistance in the collection of data, analysis of data, methodologies, productions of reports and overall project reporting.

The JVDPS is a locally based BVI NGO. JVDPS has extensive experiences is delivering projects and has previously worked on collaborative research and protected area management activities with the NPT, RSPB and UoR. Projects have focused on the control of alien invasive species, biosecurity monitoring, bird monitoring and tracking, and public education and outreach. JVDPS maintains an office and on-site presence on JVD island (which survived the hurricane season intact while 90% of buildings were damaged), so is ideally placed to lead on fieldwork and stakeholder engagement activities.

The Royal Society for the Protection of Birds (RSPB) has nearly 20 years of experience working with UKOTS and has built enduring relationships with local partners. Lyndon John (RSPB Caribbean UKOT officer) will have oversight of the project and will sit on the project steering committee. Mr John has extensive experience of working within the Caribbean, particularly in the British Virgin Islands.

Q18. Sustainability

How will the project ensure benefits are sustained after the project has come to a close? If the project requires ongoing maintenance or monitoring, who will do this and how will it be funded?

The project will train staff and volunteers from partner organisations and the local community in survey methods, and through stakeholder consultation will design and implement long-term management plans and conservation management activities. This will ensure local buy-in to project activities in order to maximise the sustainability of those activities once the project has officially ended. For example, the JVDPS has

led several education, outreach and skills training programmes with the local youth of BVI, including a swimming, marine identification and SCUBA certification programme. Despite the island's low population (300 persons), there are approximately 12 trained SCUBA divers, with one island resident completing rescue diver certification and another completing Dive instructor training through the Society's initiative. Six more youth (ages 12-17) are scheduled to become certified divers. The project will aim to recruit field assistants from this cohort.
NPTVI has legal responsibility for the management of both marine and terrestrial protected area sites, the production of long-term management plans as part of this project will be directed into NPTVI future work programmes, while the JVDPS will continue to conduct JVD terrestrial and coastal monitoring programmes after the project ends, in collaboration with the local community.
The RSPB is committed to supporting

8. Funding and Budget

Q19. Budget

Please complete the appropriate Excel spreadsheet linked below, which provides the Budget for this application. Some of the questions earlier and below refer to the information in this spreadsheet. Note that there are different templates for projects requesting over and under £100,000 Darwin Plus budget.
R6 D+ Budget form for projects under £100,000
R6 D+ Budget form for projects over £100,000
Please refer to the Finance Guidance for more information.
N.B.: Please state all costs by financial year (1 April to 31 March) and in GBP. Budgets submitted in other currencies will not be accepted. Use current prices – and include anticipated inflation, as appropriate, up to 3% per annum. The Darwin Initiative cannot agree any increase in grants once awarded.
Please upload your completed Darwin Plus Budget Form Excel spreadsheet using the field below.

_____ _____	

Q20. Co-financing

Are you proposing co-financing?

Yes

Secured
Provide details of all funding successfully levered (and identified in the Budget) towards the costs of the project, including any income from other public bodies, private sponsorship, donations, trusts, fees or trading activity, as well as any your own organisation(s) will be committing.
(See “Finance for Darwin & IWT” and the "Guidance for Applicants" documents)

(1) BirdsCaribbean grant of $2000 to restore habitats damaged by hurricanes in 2017
(2) RSPB covering expenses of flights to BVI for Lyndon John, saving $500
(3) RSPB and JVDPS covering own project overheads
(4) UoR covering 60% of their overheads

Unsecured
Provide details of any co-financing where an application has been submitted, or that

you intend applying for during the course of the project. This could include co-financing from the private sector, charitable organisations or other public sector schemes.

Date applied for	Donor Organisation	Amount	Currency code	Comments

Please give brief details including when you expect to hear the result. Please ensure you include the figures requested in the Budget Spreadsheet as Unconfirmed funding.

N/A

Do you require more fields?

No

9. Financial Controls, Value for Money & Open Access

Q21. Financial Controls

Please demonstrate your capacity to manage the level of funds you are requesting. Who is responsible for managing the funds? What experience do they have? What arrangements are in place for auditing expenditure?

Roehampton University is accountable to the Higher Education Funding Council for England and must adhere to HEFCE's Code of Practice. Compliance with Roehampton's financial regulations is compulsory for all staff. Final responsibility lies with the University's Governing Body, who ensure that appropriate financial control systems are in place, oversee their application, and appoint internal and external auditors. Monitoring of the university's financial control systems is undertaken by the Finance and Estates Committee and an independent Audit Committee who report to the Governing Body. The Audit Committee oversees risk management, internal control, and financial reporting arrangements of the University. Within the University's Finance Division, each academic department has a departmental accountant (principal budget holder) and a costing & pricing accountant. Project funding is assigned to a departmental cost code and managed by the PI with the support of the Head of Department and Finance. Monthly finance reports are prepared and reviewed

Q22. Financial Management Risks

Explain how you have considered the risks and threats that may be relevant to the success of this project, including the risks of fraud or bribery.

Roehampton University is committed to minimising risk and has a robust risk-management policy. Additional policies include a specific Anti-Corruption and Bribery Policy to safeguard against the risk of fraud or bribery, which outlines the procedures to be followed in the event of a suspected breach. It is the duty of all members of staff to notify the Director of Finance immediately upon noticing any irregularity.
Heads of Department are responsible for compiling a risk register at a departmental level, which is appraised annually by the Audit Committee. Risk management applies the following procedure: 1) Identification; 2) Measurement; and 3) Mitigation.

In considering each project bid, we review the risks in line with:
• The University Risk Management policy which informs the Financial Regulations.
• The University internal controls in place, governed by the Financial Regulations

Q23. Value for money

Please explain how you worked out your budget and how you will provide value for money through managing a cost effective and efficient project. You should also

discuss any significant assumptions you have made when working out your budget.

The budget has been developed based on the project partners' extensive experience of undertaking similar style projects in OTs.

Cost of workshops have been calculated based on experience of organising similar scale and scope events in the British Virgin Islands, salaries for local staff are based on national accepted averages. A small field survey boat has been budgeted for, as only 1 in every 10 BVI boats survived the 2017 hurricane season full intact, thus to ensure project activities can be completed with appropriate transport and at a reasonable cost we calculated that it would be cheaper to purchase a boat than hire one. This boat will also support long-term sustainability of project activities by JVDPS.

The use of local expertise and manpower will be utilised as much as possible not just to ensure buy-in and sustainability of the project but also to avoid the need for many international consultants to visit regularly, thus avoiding the costs of international flights, and keeping lodging and stipends to a necessary minimum.

Q24. Outputs of the project and Open Access

All outputs from Darwin Plus projects should be made available on-line and free to users whenever possible. Please outline how you will achieve this and detail any specific costs you are seeking from Darwin Plus to fund this.

Wherever possible, this project will seek to ensure that information and outputs are made available online through social media postings, posting on JVDPS and University of Roehampton's website:

Reports, workshop notes, etc. will all be made available online via a dedicated project page hosted on the JVDPS website. Information about workshops and activities will be promoted through both the project partners' websites, local press, radio and social media.

Data collated through this project will be widely shared among project partners, and reports made available online, with hard copies also made available in the BVI public library. Peer-reviewed papers produced will be published as open access articles. We have budgeted for one high-impact open access publication as part of this project, which would report on the resilience assessments and base-line data collection. In addition, results of this project will be presented by local project staff at a regional conference during the course of the project (attendance at a regional meeting has also been included in the budget for project manager and local fieldworker).

10. Logical Framework

Q25. Logical Framework

Darwin Plus projects will be required to report against their progress towards their expected outputs and outcome if funded. This section sets out the expected outputs and outcome of your project, how you expect to measure progress against these and how we can verify this.
Annex D and Annex E in the Guidance Notes provides helpful guidance on completing a logical framework, including definitions of the key terms used below.

Impact:

> Increased understanding of local communities and national authorities of the importance of preserving and protecting natural ecosystems to increase small island resilience to extreme weather events.

Project Summary	Measurable Indicators	Means of Verification	Important Assumptions

Outcome: Key habitats mitigating the effects of extreme weather identified, assessed and actions taken to conserve+build their resilience in Jost Van Dyke and its offshore cays, using stakeholder input for guidance.	0.1 Quantitative baseline assessment of condition of key habitats and quantification of natural resilience of coral reefs, sea grass, mangroves and beaches in JVD and its offshore cays 0.2 Stakeholder workshops to share results and discuss long-term management and monitoring 0.3 Finalisation of long-term management and monitoring plans, incorporating stakeholder input.	0.1 Quantitative data from surveys of the condition of key habitats 0.2 Report detailing the comprehensive baseline data that will be collected from key habitats throughout the project 0.3 Stakeholder meeting reports and attendance records and reports on conservation actions implemented 0.4 Stakeholder meeting reports and attendance records	Project progresses as outlined on project timetables Stakeholders are willing to play a part in the process

Output 1: 1. Baseline data collection and assessment of the status and resilience of key habitats in JVD and its offshore cays to future climate change	1.1 Training workshops in methods for quantitative assessment of ecological baselines of key habitats, attended by at least 10 local stakeholders 1.2 BVI-specific assessment methods and training manual produced 1.3 Resilience assessment of 11 key mangrove areas 1.4 Resilience assessment of seagrass areas within the four marine parks 1.5 Resilience assessment of coral reefs in the four marine parks 1.6 Resilience assessments of 8 beaches/ sand dune systems 1.7 Identification of key habitats that would benefit from resilience building activities 1.8 Report on	1.1 Workshop attendance list and copies of training materials 1.2 Training manual 1,3 survey data sheets 1.4 survey data sheets 1.5 survey data sheets 1.6 survey data sheets 1.7 GIS map layers 1.8 results published in open access journal 1.9 survey data sheets 1.10 survey data sheets 1.11 survey data sheets 1.12 Report published in open access journal	We have access to all the key survey sites We are able to find project staff available to be trained to conduct surveys

	resilience assessments 1.9 Monthly marine park snorkel/dive surveys undertaken once a month for 12 months of the project 1.10 Monthly beach profiling of beaches/sand dunes once a month for 12 months 1.11 Monthly monitoring of mangrove habitats/wetlands once a month for 12 months 1.12 Analysis of data and production of report on baseline data		

Output 2: 2. Development of conservation management actions to increase the resilience of key ecosystems to severe weather events, incorporating stakeholder input.	2.1 Stakeholder workshop to present results of output 1 and to discuss the implementation of small-scale JVD focused measures for increasing resilience to extreme weather 2.2 Implementation of at least 3 stake-holder informed conservation actions by the end of the project 2.3 Production of long-term monitoring management plans	2.1 Meeting attendance record 2.2 Implementation of conservation action reported on social media, local newspapers and magazines 2.3 long-term monitoring report available on JVDPS website and submitted to NPTVI and DCF	Stakeholders are interested in being involved in the project Stakeholder informed conservation actions are with the budget of this project Stakeholder informed conservation actions are able to be performed within the time-frame of this project

Output 3: 3. Increasing understanding of the important role that healthy terrestrial and marine ecosystems can play in improving small islands resilience to extreme weather events	3.1 Stakeholder meeting to introduce the project 3.2 At least 30 members of local community attends training sessions throughout the project 3.3 At least ten press and social media posts throughout the project 3.4 Project manager gives lecture at Community College by the end of the project 3.5 Project activities incorporated into JVD kids summer camp 3.6 End of project stakeholder meeting	3.1 Meeting attendance list 3.2 Training attendance lists and training materials 3.3 copies of press and social media outputs 3.4 Copies of lecture materials 3.5 Photographs and social media posts 3.6 Meeting and attendance list	Stakeholders are interested in being involved in the project
Output 4:			
Output 5:			

Do you require more Output fields?
It is advised to have less than 6 Outputs since this level of detail can be provided at the Activity level.

- ○ Yes
- ○ No

Activities
Each activity is numbered according to the output that it will contribute towards, for example 1.1, 1.2 and 1.3 are contributing to Output 1. Each new activity should start on a new line.

Training workshop in methods for assessing resilience of key habitats and collecting baseline data attended by at least 10 local stakeholders
1.2 BVI specific training manual produced
1.3 Resilience assessment of 11 mangrove areas
1.4 Resilience assessments of seagrass areas within the four marine parks
1.5 Resilience assessment of coral reefs in the four marine parks
1.6 Resilience assessment of eight sand dune systems on JVD and its offshore cays
1.7 Identification of key habitats that would benefit from resilience building activities
1.8 Produce report on resilience assessments
1.9 Baseline data collection – monthly marine park surveys for 12 months
1.10 Baseline data collection- monthly beach profiling for 12 months
1.11 Baseline data collection – monthly monitoring of mangrove habitats/wetlands
1.12 Analysis of data and production of report detailing base-line data
2.1 Stakeholder workshop to discuss and inform conservation actions and long-term monitoring plans
2.2 Implementation of at least 3 stake-holder informed conservation actions by the end of the project
2.3 Production of long-term monitoring and management plans
3.1 Stakeholder meeting to introduce the project
3.2 Engage at least 30 members of the local community in training opportunities throughout the project
3.3 At least ten press and social media posts throughout the project
3.4 Project manager gives lecture at Community College by the end of the project
3.5 Project activities incorporated into JVD kids summer camp
3.6 End of project stakeholder meeting

11. Implementation Timetable

Q26. Provide a project implementation timetable that shows the key milestones in project activities

Please complete the Excel spreadsheet linked below to describe the intended workplan for your project.
Darwin Plus Implementation Timetable XLS
Please add columns to reflect the length of your project.
For each activity (add/remove rows as appropriate) indicate the number of months it will last, and fill/shade only the quarters in which an activity will be carried out.

_____	

12. Monitoring and Evaluation

Q27. Monitoring and evaluation (M&E) plan

Describe, referring to the Indicators above, how the progress of the project will be monitored and evaluated, making reference to who is responsible for the project's M&E.
Darwin Initiative projects are expected to be adaptive and you should detail how the monitoring and evaluation will feed into the delivery of the project including its management. M&E is expected to be built into the project and not an 'add' on. It is as important to measure for negative impacts as it is for positive impact.

A signed and agreed MOU between the partner organisations at the start of the project will clearly set out the obligations and roles of all parties in delivering the project objectives. The Project Leader Dr Louise Soanes, will lead on all administrative aspects, and will be responsible for managing the project timeline, overseeing project outputs, and coordinating the development of monitoring reports. With the support of project partners, the Project Manager, Ms Zaluski, based in BVI, will be responsible for the operational implementation of the project and in engaging stakeholders in project activities.

Skype conversations will be held at least once a month between the project leader and project manager throughout the project timeframe, and will be held more frequently during the development phases of the project, minutes will be taken and circulated after every meeting and submitted to Darwin plus in project reporting. These meetings will allow regular reviews of the project progress and deliverables, providing early warning of any issues or slippage, and enabling discussions to identify solutions. The Project Coordinator is based in Anguilla (neighbouring island of BVI), and will make two trips during the project to the JVD to assist with and monitor project activities. Lyndon John (RSPB) will visit JVD to meet face to face with local project partners at least once on the first year of the project on already scheduled trips to the BVI, as part of other work programmes ongoing in the territory. Mr John and Dr Halsey will also meet with local project partners and Dr Soanes in the BVI at the end of the project.

A Project Steering Group Committee will be established comprising of the project partners, and others representing regional expertise. The committee will meet every at the onset of the project then every 6 months after via skype to discuss the activities necessary to meet the timelines set within the proposal.

At the start of the project, a detailed Monitoring & Evaluation plan, that will include all of the above, will be prepared by the Dr Soanes and Ms Zaluski for sign off by the project steering group. Progress against the M&E plan will form an integral part of the project reporting process.

The social media monitoring tool - storify - will be used to track project publicity and to collect/pool public comments.

The project leader will lead on production of half year and annual reports to Darwin,

with support from the local project manager and review from the project steering committee

Monitoring and evaluation days have been built into salary costings within the budget

Number of days planned for M&E	35
Total project budget for M&E (this may include Staff and Travel and Subsistence Costs)	£8,120.00
Percentage of total project budget set aside for M&E (%)	5

13. Certification

Q28. Certification

On behalf of the

company

of

Roehampton University

I apply for a grant of

£119,283.00

in respect of all expenditure to be incurred during the lifetime of this project based on the activities and dates specified in the above application.

I certify that, to the best of our knowledge and belief, the statements made by us in this application are true and the information provided is correct. I am aware that this application form will form the basis of the project schedule should this application be successful.
(*This form should be signed by an individual authorised by the applicant institution to submit applications and sign contracts on their behalf.)*

- I have uploaded CVs for project principals and letters of support.
- I have uploaded our most recent signed audited/independently verified accounts and annual report (if appropriate).

☑

Name	Professor Lynn Dobbs
Position in the organisation	Deputy Vice-Chancellor & Provost

Signature (please upload e-signature)	_____ _____
Date	10/10/2017

If this section is incomplete the entire application will be rejected.

14. Submission Checklist

Checklist for submission

	Check
Have you read the Guidance documents, including the 'Guidance Notes for Applicants' and 'Finance Guidance'?	☑
Have you read, and can you meet, the current Terms and Conditions for this fund?	☑
Have you provided actual start and end dates for your project?	☑
Have you provided your budget based on UK government financial years i.e. 1 April – 31 March and in GBP?	☑
Have you checked that your budget is complete, correctly adds up and that you have included the correct final total at Q7?	☑
Has your application been signed by a suitably authorised individual?	☑
Have you uploaded a 1 page CV for all the Project Staff (listed at Q11) on this project, including the Project Leader?	☑
Have you included a letter of support from the applicant organisation, main partner(s) organisations and the relevant OT Government?	☑
Have you uploaded a signed copy of the last 2 years annual report and accounts for the lead organisation, or provided an explanation if not?	☑
Have you checked the Darwin Plus website to ensure there are no late updates?	☑