

COLLABORATION AGREEMENT

VARIATION NUMBER TWO (02)



among

THE UNIVERSITY COURT OF THE UNIVERSITY OF ST ANDREWS

and

THE UNIVERSITY COURT OF THE UNIVERSITY OF EDINBURGH

and

RESEARCH INSTITUTE OF THE PERUVIAN AMAZON

Re: Project Valuing intact tropical peatlands: an interdisciplinary challenge



For the purposes of the Legal Writings (Counterparts and Delivery) (Scotland) Act 2015, this Variation Agreement is delivered on

VARIATION AGREEMENT

PARTIES

- (1) **THE UNIVERSITY COURT OF THE UNIVERSITY OF ST ANDREWS**, a charitable body registered in Scotland under registered number SC013532 and incorporated by the Universities (Scotland) Act 1889, as amended by the Universities (Scotland) Act 1966, and having its principal office at College Gate, North Street, St Andrews, Fife, KY16 9AJ, United Kingdom ("**St Andrews**").
- (2) **THE UNIVERSITY COURT OF THE UNIVERSITY OF EDINBURGH**, a charitable body registered in Scotland with registration number SC005336, incorporated under the Universities (Scotland) Acts and having its principal office at Old College, South Bridge, Edinburgh EH8 9YL ("**Edinburgh**")
- and
- (3) **RESEARCH INSTITUTE OF THE PERUVIAN AMAZON**, RUC N° 20171781648, whose administrative offices are at Avenida José A. Quiñones km. 2.5, Apartado Postal 784, Iquitos, Perú ("**IIAP**")

(together the "**Parties**").

BACKGROUND

- (A) St Andrews and Edinburgh entered into a Research Collaboration Agreement dated 10th August 2018 in connection with 'Valuing intact tropical peatlands: an interdisciplinary challenge' (the "**Project**"). IIAP acceded to that Research Collaboration Agreement by a Variation Agreement dated 7th June 2019. The "**Agreement**", shall refer, in this **Variation Agreement Number Two (02)**, to the Research Collaboration Agreement dated 10th August 2018, as amended by the Variation Agreement dated 7th June 2019.
- (B) The Parties wish to further vary the Agreement to amend the end date and alter the budgetary information and make further changes.

AGREED TERMS

Now therefore the Parties have agreed and do hereby agree that the Agreement shall be varied as follows:-

1 VARIATIONS

- 1.1 In order to clarify, supplement and amend the terms of the Agreement with effect from 1st October 2020, (the "**Effective Date**"), and notwithstanding the date or dates of signature hereof, the Parties have agreed that the Agreement be and is amended as follows:-

- (a) The Parties recognise that, although clause 2 of the Agreement states that it remains in full force and effect only until 1 October 2020, the Agreement has in fact continued to have full force and effect since that date; and
- (b) the Parties hereby agree that the words "1 October 2020" shall be deleted in clause 2 and replaced with the words "3 February 2022", and that the Agreement shall be deemed to have continued and will continue to have full force and effect until 3 February 2022; and
- (c) at the end of Part 3 of the Schedule to the Agreement, the document set out at Part 3 of the Schedule to this Variation Agreement 2 shall be inserted; and
- (d) at the end of Part 1 of the Schedule to the Agreement, the document set out at Part 1 of Schedule to this Variation Agreement 2 shall be inserted; and
- (e) the table under the word "IIAP" in Part 2 of the Schedule to the Agreement shall be deleted and replaced with Part 2 of the Schedule to this Variation Agreement 2; and
- at the end of clause 8.2.6 of the Agreement, the following words shall be added: "; or 8.2.7 St Andrews discloses to Cambridge University Technical Services Limited in relation to the Project (provided Cambridge University Technical Services Limited is bound by written confidentiality obligations in respect of it)."

PRECEDENCE

In the event of any conflict between the terms of the Agreement and the terms of this Variation Agreement, the terms of this Variation Agreement shall prevail.

COUNTERPARTS

- 3.1 This Variation Agreement may be executed in any number of counterparts and by all of the parties on separate counterparts.

If executed in counterparts:

- 3.2.1 this Variation Agreement shall not take effect until all of the counterparts have been delivered;
- 3.2.2 each counterpart will be held as undelivered for the purposes of The Legal Writings (Counterparts and Delivery) (Scotland) Act 2015 until the parties agree a date ("the agreed date") on which the counterparts are to be treated as delivered; and
- 3.2.3 the agreed date will be inserted on page 1 of this Variation Agreement.

4 GOVERNING LAW AND JURISDICTION

- 4.1 This Variation Agreement and any dispute or claim arising out of or in connection with it or its subject matter or formation (including non-contractual disputes or claims) shall be governed by and interpreted in accordance with the laws of Scotland.

- 4.2 The parties irrevocably agree that the courts of Scotland shall have exclusive jurisdiction to settle any dispute or claim that arises out of, or in connection with, this Variation Agreement or its subject matter or formation (including non-contractual disputes or claims).

IN WITNESS WHEREOF these presents are executed as follows:-

Signed for and on behalf of **THE UNIVERSITY COURT OF THE UNIVERSITY OF ST ANDREWS** by its duly authorised signatory as follows:-

 Authorised Signatory
 Kelly Maher

 Full name
 01.11.2021

 Date of Signature
 Anstruther, Fife.

 Place of Signature

Signed for and on behalf of **THE UNIVERSITY COURT OF THE UNIVERSITY OF EDINBURGH** by its duly authorised signatory as follows:-

 Authorised Signatory

 Full name

 Date of Signature

 Place of Signature

Signed for and on behalf of **RESEARCH INSTITUTE OF THE PERUVIAN AMAZON** by its duly authorised signatory as follows:-

 Authorised Signatory

 Full name

 Date of Signature

 Place of Signature

 Clare Whittaker

 Oct 28, 2021

Adobe Sign Transaction Number: CBJCHBCAABAAzNXqoASbw5xB_EEpwPWvR2A4TeXUgbs

 Carmen Rosa García Dávila

 9 NOV 2021

 Iquitos, Perú

This is the Schedule referred to in the foregoing Variation Agreement between The University Court of the University of St Andrews, The University Court of the University of Edinburgh and the Instituto de Investigaciones de la Amazonia Peruana (RESEARCH INSTITUTE OF THE PERUVIAN AMAZON)

Part 1

Please see attached pdf document with file name "Sch Part 1A Description of additional work of IIAP"



Part 2

IIAP

St Andrews shall pay to IIAP the sums detailed below in three instalments:
£13,173.00 for year 1 and £4,270.00 for year 2 and £22,715 for the extended period.
All sums are inclusive of VAT and any other taxes or charges if applicable.

Payments shall be made subject to the receipt of sufficient funds from the Funder
and within 30 days of receipt of invoices from IIAP with a statement setting out a
breakdown of expenditure including a list of transactions.

	Year 1 01/10/2018- 31/09/2019	Year 2 01/10/2019- 01/10/2020	Extension 02/10/2020 - 03/02/2022	Total
Consultants				
Euridice Honorio Coronado	1,646.00	1,646.00	0.00	3,292.00
Manuel Martin Branas	654	654	0.00	1,308.00
Dennis del Castillo Torres	690	690	0.00	1,380.00
Jhon Del Aguila Pasquel	280	280	0.00	560.00
Consultants - Additional Budget	0.00	0.00	2,200.00	2,200.00
Clerical Assistant	8,028.00	1,000.00	0.00	9,028.00
Field Assistant	1,875.00	0.00	0.00	1,875.00
Fieldwork - Honey Production	0.00	0.00	9,565.00	9,565.00
Fieldwork in the Chambira basin	0.00	0.00	4,500.00	4,500.00
Short Illustrated Book	0.00	0.00	3,200.00	3,200.00
Documentary Film	0.00	0.00	3,250.00	3,250.00
Total	13,173.00	4,270.00	22,715.00	40,158.00

Invoices to be addressed to:

Reference number: SGS0 XCL101 (ref 17141) (Please include this on all invoices)

The University of St Andrews, Finance Advice and Support, [Walter Bower House, Guardbridge, St Andrews, Fife KY16 0US]

Tel: +44 (0) 1334 462006

Fax: +44 (0) 1334 462217

Email: geofas@st-andrews.ac.uk

Part 3

Please see attached pdf email, file name "Sch Part 3A Grant Conditions email"



"Sch Part 1A: Description of additional Work of IIAP"

Description of additional Leverhulme project funds for IIAP

1) We propose to reallocate £9,565 of our meetings budget to fund fieldwork related to a potentially important source of economic value which has been revealed through our fieldwork, honey production. A central aim of the project was to identify, using participatory methods, research questions and issues of concern to the inhabitants of peatlands in Peruvian Amazonia, above and beyond the research questions (and preconceptions) which formed the project's starting point. Thus far we have identified, and begun research on, three such emerging concerns: a) the environmental, economic and cultural threat of oil exploration and exploitation and the particular vulnerability of these ecosystems and their inhabitants, b) the importance of preserving and promoting indigenous cultural heritage, specifically the traditional textiles ('Ela') produced from peatland plants by Urarina communities, and c) the challenges involved in community management of natural resources inside, and outside, of protected areas. It is in relation to this third point that analysis of the field data and discussion with our Peruvian collaborators has revealed local interest in the potential of honey production as a source of sustainable income for peatland communities. Our research plan involves installing experimental beehives at the most accessible of the communities studied (Veinte de Enero, on the Marañón river) and testing the chemical and biological properties of the honey produced (we theorise that these will be determined by the peat-forming palms, *Mauritia flexuosa*, which dominate the peatland vegetation and are likely the main source of nectar). As the UK project team are unable to travel to Peru, and since our in-country collaborators are well-placed to carry out this work, colleagues in Peru will do the field work with remote collaboration from the UK team. The data collected will form the basis of a scoping case study paper that we will write together, evaluating the potential value of honey production to peatland communities in our study area. Costings for field assistants, installation of experimental beehives and analysis of the chemical and biological properties of the honey produced are outlined in the table.

2) We propose to reallocate £2200 from the meetings budget to facilitate the continued involvement of our Peruvian collaborators to the end of the project, which has been extended to 27th January 2022. The project has benefitted greatly from their expertise and experience. Though their institution, IIAP, is keen that their staff collaborate with international partners, it does not allow them (and cannot afford to let them) work on external projects unless their time is paid for. Thus, we propose to spend part of our budget on further consultancy by Manuel Martín Brañas and Nállarett Dávila with the aim of collaboratively producing concept notes on a) honey production from palm swamps (aguajales), described above, and b) the impact on indigenous Urarina communities of the formal designation of their traditional textiles ('Ela', woven from peatland palms) as part of Peruvian's National Cultural Heritage, an early impact-related achievement of our project. Follow-up work on these textiles will evaluate the effect of this declaration on communities in both cultural and economic terms. These concept notes will contribute to future funding applications by members of the project team and have the potential to influence forest conservation and management strategies far beyond our study area.

3) We propose to reallocate £3200 of our meetings budget to the production costs of a short illustrated book, of around 10,000 words, disseminating our project's results on the spiritual and cultural value of peatlands in Peruvian Amazonia. The book will compile indigenous Urarina myths that we recorded during participatory research with one of the peatland communities (Nueva Unión). The recording and sharing of Urarina culture was requested by the community, reflecting a desire for a higher national profile and respect. Identifying accessible dissemination pathways for the findings of the participatory research was central to the aims of our project, and our planned book, which will be co-developed by the communities themselves with our project team and Peruvian collaborators, appears to be an excellent outcome in this regard. A publisher has been found in Peru (CAAAP) and the University of St Andrews will co-publish the book. It will be published in three languages (Urarina, Spanish, English) in both physical and digital format to maximise accessibility. The manuscript will be submitted in December 2021. The cost is low as publication will be in Peru, but experience demonstrates that the quality of publication (illustration, printing, binding, design etc) is extremely high.

4) A further accessible dissemination pathway we have identified is that of documentary film. We propose to reallocate £3250 to production costs of a short documentary film that will present, for a Peruvian lay audience, the main findings of the project on the value and meaning of peatlands to local communities in the Peruvian Amazon. The film will be shown on regional television in Peru and will be made accessible via the internet to facilitate global accessibility. The total cost of the film production is £3250 of which £2072.70 should be reallocated from Dissemination, Recruitment and Travel, and the remaining £1177.30 should come from the Consumables budget.

5) The aim is to set up a 0.5-ha permanent plot (or 1-ha if species diversity is too low) in an open peatland in Nueva Pandora in the Chambira Basin of Peruvian Amazonia. In this locality, two other permanent plots exist (NPA-01 in a palm swamp and NPA-02 in a pole forest, established by a different project that I was involved in), a context which ensures the new plot will be monitored in the long-term (it would be a long way to go to census a single plot, but for three it is always worth the trip). From a few temporary plots, we have learnt that open peatlands could be dominated by herbaceous plants with scattered *Mauritia* palms but also could be dominated by thin trees similar in height giving the impression of a newly regenerating forest. This plot will be the first permanent plot established in an open peatland in the region of Loreto and will help us to understand the long-term changes in floristic composition and forest structure of the swamp in an early successional stage in an area that is used for hunting and harvesting by indigenous Urarina people. The field work will include the collection of a complete peat core for future pollen analysis. Cost breakdown: Transportation (£220), boat/fuel/driver (£889.5), accommodation (£10), food (£490), materials (£476.25), field assistants (£1350), local assistants (£500), processing herbarium samples and digitalizing plot data (£564.25). We propose to reallocate £1308 from Consultants, £1806 from Clerical/Secretarial Assistance, £1283.39 from Meetings and £102.61 from Translation to fund this fieldwork.

Table: Allocation of remaining meeting funds to complete the final stages of the *Valuing intact tropical peatlands* project. Unit costs vary between personnel because of differing levels of experience.

Activity	Cost category	Item/person	Notes	Unit cost (GBP)	Number of units	Total Cost (GBP)	To come from Leverhulme budget category...
1) Honey feasibility study (Peru)	Field work	Field assistants	Social science	625	7 months	4375	Meetings
			Ecology	750	3 months	2250	Meetings
			Beekeeper	375	1 week	375	Meetings
	Field work	Travel and subsistence	Field set up of experimental beekeeping installation in community of Veinte de Enero (transport, food, accommodation)	475	n/a	475	Meetings
	Consumables	Specialist equipment and materials	Beekeeping installation field materials	500	n/a	500	Meetings
	Consumables	Lab analysis	Honey and pollen analysis of nutritional value	950	n/a	950	Meetings
2) Consultancy (Peru)	Other research expenses	Administration	Local administrative costs including bank charge [£90]	640	6 months	640	Clerical/Secretarial
2) Consultancy (Peru)	Consultancy	Martín Manuel Brañas	a: Develop concept note of impact of Ela declaration as National Cultural Heritage	183 (per month, part time)	6 months	1100	Meetings

		Nállarett Dávila	b: Develop concept note on aguajales honey as potential livelihood for peatland communities.	183 (per month, part time)	6 months	1100	Meetings
3) Booklet publication	Dissemination	Urarina myths booklet	Publication charge (Publisher CAAAP)	n/a	n/a	3200	Meetings
4) Documentary film	Dissemination	Contribution to production costs	Short documentary film about the value and meaning of peatlands in the Peruvian Amazon, in Spanish.	n/a	n/a	3250	Dissemination + Recruitment + Travel (£2072.70) Consumables (£1177.30)
5) Field work in the Chambira basin	Fieldwork	Travel and subsistence	Travel, accommodation, food to field site in Chambira basin.	n/a	n/a	£1609.50	CONSULTANTS (£1308) CLERICAL/SECRETARIAL ASSISTANCE (£1806)
	Fieldwork	Field assistants (including local assistants)	Local community members and IIAP field assistants to participate in field work	n/a	n/a	£1850.00	MEETINGS (£1283.39) TRANSLATION (£102.61)
	Fieldwork	Follow-up herbarium work	Processing herbarium samples and digitising plot data	n/a	n/a	£564.25	Total = £4500
	Fieldwork	Field work materials	Pieces of equipment and consumables necessary for field work (e.g. paint, tape measures, string, note paper)	n/a	n/a	£476.25	

NBS Leverhulme Trust approved items 1 to 4 first, and number 5 later, i.e. approval was provided in separate emails.



From: Celia Muller
Sent: 10 October 2021 15:21
To: Celia Muller
Subject: RPG-2018-306: extension request

From: grants@leverhulme.ac.uk <grants@leverhulme.ac.uk>
Sent: 08 December 2020 13:46
To: Katherine Roucoux <khr@st-andrews.ac.uk>
Subject: {Disarmed} RE: RPG-2018-306: extension request

Dear Katy,

[...]

The overall end date of this project has been extended to 03.02.2022. [...]

Regards

Reena

Original Message ----

