



Understanding of the Impacts of Hydrometeorological Hazards in Malaysia

Closing Date for Notification of Intent: 4 December 2017 - 16:00 GMT/00:00 MYT

Closing Date for Full Proposals: 21 February 2018 - 16:00 GMT/00:00 MYT

1. Summary

Malaysia's Ministry of Higher Education (MoHE) and the UK's Natural Environment Research Council (NERC) and Economic and Social Research Council (ESRC) invite applications to the Understanding of the Impacts of Hydrometeorological Hazards in Malaysia programme. The programme has a budget of £1.5m for the UK component and MYR 1m for the Malaysian component.

The aim of the programme is to improve understanding of the impacts of hydrometeorological hazards, such as floods, droughts, landslides and storm surges, in Malaysia. The focus is on identifying, characterising and predicting the environmental and social variables that influence the occurrence, impact, severity and duration of hydrometeorological hazards in Malaysia to enable increased preparedness and resilience to future events.

Applications are sought from teams comprising researchers from Malaysia and the UK eligible to hold MoHE and UK Research Council grants respectively. MoHE will fund the Malaysian component of the successful projects and UK researchers will receive funding from NERC. Applicants may request up to MYR 250k for the Malaysian component and up to £375k (at 80% FEC) from NERC. Projects can be maximum 36 months duration and are expected to start in October 2018.

A Notification of Intent to Submit should be submitted on the online form no later than 16:00 GMT/00:00 MYT on 4 December 2017. The notifications will not be assessed and will be used to plan the assessment process, however the eligibility of applicants for NERC, ESRC and MoHE funding will be checked and ineligible applicants informed. **Applicants should be note that submission of the Notification of Intent is a requirement of this call and full bids will only be accepted from those teams who submit a completed Notification of Intent to submit online form prior to the deadline. The lead UK and Malaysian PI should not change following approval to submit a full bid.**

A single joint application should be submitted to the UK's Joint Electronic Submission System (Je-S). The closing date for applications is 16:00 GMT/00:00 MYT on 21 February 2018. Applications not submitted before the deadline will not be received or considered.

2. Background

2.1 Scientific Background

Hydrometeorological hazards, including floods, droughts, landslides and storm surges, can pose a direct threat to lives and impact livelihoods by damaging and destroying transport links, power supplies, businesses and agricultural land. Climate change, population growth, land-use change and urbanisation are increasing the number of people in Malaysia at risk from these hazards, for example widespread flooding in Malaysia in December 2014 affected more than 200,000 people, killing 21.

To increase resilience to hydrometeorological hazards better understanding of the likely impacts are needed to enable appropriate adaptation and mitigation measures, such as new flood defences or the restoration of natural defences like mangroves, to be developed and implemented. The aim of this programme is to support the research needed to improve environmental and social understanding of the impacts of hydrometeorological hazards, such as floods, droughts, landslides and storm surges, in Malaysia.

2.2 Non-Scientific background

[NERC](#) is the UK's main public funder of environmental research, innovation and training. Its aim is to fund excellent, peer-reviewed science that helps us understand and predict how our planet works and enables the responsible management of the environment.

[ESRC](#) is the UK's main funder of social and economic research, innovation and training. Its aim is to support independent, high quality research which has an impact on business, the public sector and civil society.

[MoHE](#) is the Malaysian Ministry whose integral role is creating a higher education ecosystem with the finest Public Universities (UA), Private Higher Educational Institutions (PHEIS), Polytechnics and Community Colleges. These institutions are the main components in the national education ecosystem and training to generate first-rate thinkers, scholars, masters, skilled and semi-skilled manpower in accordance with their respective roles.

This programme is supported by the [Newton-Ungku Omar Fund](#), an initiative established by the governments of the UK and Malaysia. The Fund provides a framework for promoting increased research and innovation collaboration, developing long-term, sustainable partnerships and contributing to economic growth.

As a requirement of funding, all applications under this call must demonstrate how they will contribute towards the delivery of the Newton-Ungku Omar Fund goals.

In the UK the Newton-Ungku Omar Fund is part of the [Newton Fund](#), which contributes to the [UK's Official Development Assistance \(ODA\)](#) commitment which is monitored by the Organisation for Economic Cooperation and Development (OECD). ODA funded activity focuses on outcomes that promote the long-term sustainable growth of a sub-set of countries on the OECD Development Assistance Committee list and is administered with the promotion of the economic development and welfare of developing countries as its main objective. As a result UK-based researchers will be required to input to specific ODA reporting requirements.

3. Programme Scope

3.1 Programme objectives

The aim of the programme is to improve understanding of the impacts of hydrometeorological hazards, such as floods, droughts, landslides and storm surges, in Malaysia.

The focus will be on identifying, characterising and predicting the variables that influence the occurrence, impact, severity and duration of hydrometeorological hazards and the research challenges that the programme will address could include, but are not limited to:

- Understanding the susceptibility of catchments to hydrometeorological hazards by:
 - Exploring how hydrological, sedimentary, geomorphological and subsurface processes within a catchment control the movement of water during periods of high or low flow; and
 - Determining how different land-use, urbanisation and water resource management practices are mitigating or exacerbating hydrometeorological hazards; and
 - Developing hydrological models to improve understanding and prediction of the impacts of hydrometeorological hazards.
- Exploring how different environmental variables interact and combine to determine the risks from hydrometeorological hazards
- Understanding how governance and institutional arrangements contribute to the risks from hydrometeorological hazards:
 - Determining how local, regional and national governance processes, and the interactions between them, influence the management of hydrometeorological hazards;
 - Exploring the impact of non-water related policies and regulatory regimes, e.g. energy or agriculture, on the management of hydrometeorological hazards; and
 - Studying the effectiveness of policy interventions and incentives, and barriers to uptake, e.g. willingness to pay, regulation, subsidies and enforcement.
- Exploring whether changes in the way water resources are managed can mitigate the risks from hydrometeorological hazards.

Projects will also be expected to work closely with end-users both at the design stage and throughout the lifetime of the project to ensure that the outputs can be used by government, local authorities, businesses and local communities to make decisions about the management and mitigation of hydrometeorological hazards.

Projects can be based in any part of the Malaysia, and proposals that explore the combined impacts from surface, fluvial and coastal flooding and/or the impact of flooding on ecosystem services are encouraged.

The expected outputs of the programme include high impact journal papers, presentations at international conferences, and information and tools that policymakers and water managers can use to increase preparedness and resilience to hydrometeorological hazards.

3.2 Proposal requirements

Proposals should be from joint Malaysian-UK research teams and should clearly justify how the proposed research aligns with the scope of this call and will contribute to the delivery of the programme goals. In particular, applicants should set out how the proposed research will deliver a better understanding of the impacts of hydrometeorological hazards in Malaysia, and how they will work with users to ensure that the outputs of research support increased

preparedness and resilience to floods and droughts, and hence contribute to societal well-being and economic growth in Malaysia.

It is envisaged that proposed research will include fieldwork, process studies and model development and encompass a range of environmental research disciplines, such as hydrological processes, hydrogeology, sedimentary processes, geomorphology, and coastal processes.

Applicants are encouraged to consider including a social science element in their project, although this is not a requirement for this call. If including social research on the role of governance and institutional arrangements in determining the impact of hydrometeorological hazards, applicants should clearly explain why the research is novel and how it will be integrated into the project.

4. Programme requirements

NERC is managing the bid submission on behalf of the NERC, ESRC and MoHE partnership.

Applications to the Understanding of the Impacts of Hydrometeorological Hazards in Malaysia must be from UK-Malaysian partnerships – i.e. include at least one Malaysia-based Principal Investigator and one UK-based Principal Investigator. Only proposals that involve scientific collaboration between the UK and Malaysia will be considered. All proposals must have equal or proportionate participation from UK and Malaysian researchers.

Up to £1.5m (80% FEC) is available from the UK for this call and up to MYR 1m for the Malaysian component. The maximum duration of the projects is 36 months. **Applicants can request up to £375k (80% FEC) for the UK component of a project, and up to MYR250k for the Malaysian component.**

The funds available through this call are intended to support focused, coordinated and collaborative research between Malaysia and the UK that address the scope of the call as outlined above. These grants should promote inter-institutional collaborations, both between and within Malaysia and the UK, and are expected to enhance opportunities for interdisciplinary collaboration. Partnerships should be genuine and reciprocal, and working together must add value to that which could be achieved by individual partners working on their own. Proposals must demonstrate that research activities will either achieve more than the partners would have achieved if tackling an issue by working alone, or achieve outcomes at less cost or faster than if working alone.

For each grant application a lead Principal Investigator should be nominated from both the UK and Malaysia, and they will act as focal points for contact with the funding agency in their respective countries (refer to section 5 below for Application Process).

4.1 Newton Ungku Omar Fund requirements

All applications should clearly outline how the proposed research will address the objectives of the Newton-Ungku Omar Fund by supporting the development of long-term, sustainable partnerships that promote societal welfare and economic growth in Malaysia.

Applicants should demonstrate how the main research outcomes will be specific to enabling the sustainable development in Malaysia through supporting increased resilience to hydrometeorological hazards. Applicants should consider how their project will:

- address the need for better understanding of the impact of hydrometeorological hazards and support increased preparedness and resilience to future events;
- address the issue identified effectively and efficiently;
- use the research strengths of the UK and Malaysia to address the issue; and
- demonstrate that the research component is of an internationally excellent standard.

Applicants should address these points in both the Je-S summary and then more fully, in the Case for Support (see section 5 for more details). UK researchers will be required to demonstrate that the research is compliant with ODA requirements by submitting an ODA statement clearly explaining how their project is compliant and therefore eligible to receive support from the Newton-Ungku Omar Fund; further details are in section 5 below. The ODA statement is for the UK funder purposes only; it is an assurance check that the project meets the ODA compliance requirements.

4.2 Eligibility

It is recommended that applicants contact the relevant funding agency before submission to confirm they are eligible to apply to the call, as proposals with ineligible applicants will be rejected without peer review.

4.2.1 UK researchers

For UK researchers' normal individual eligibility applies and is in Section C of the [NERC research grant and fellowships handbook](#). NERC research grants may be held at approved UK Higher Education Institutions (HEIs) approved Research Council Institutes (RCIs) and approved Independent Research Organisations (IROs). The Research Councils have agreed that to help remove potential barriers to interdisciplinary research, all RCIs are eligible for grant funding from all Research Councils. Full details of approved RCIs and IROs can be found on the [RCUK website](#).

This programme is one of five Newton-funded programmes on Understanding the Impacts of Hydrometeorological Hazards in Southeast Asia that are running in parallel. UK Investigators may be involved in no more than two proposals in total submitted to these programmes and only one of these may be as the lead Principal Investigator.

4.2.2 Malaysian researchers

- a. The Malaysian PI must have been awarded a doctorate at the time of application. Applicants working towards a PhD, or awaiting the outcome of their viva/submission of corrections are not eligible to apply.
- b. Applicants must be Malaysian citizens and hold a permanent or fixed-term contract in an eligible university or higher learning institute in Malaysia. Applicants with fixed terms contracts finishing before their grant end-date must secure confirmation from their Head of Department, stating that their contract will be extended to cover the duration of the award if their application is successful.
- c. Contact between the Malaysian PI and UK PI prior to the application is essential. This contact should lead to a clearly defined and mutually beneficial research project proposal. Please note that MoHE and RCUK will not be able to assist in locating a Malaysian or UK collaborator.
- d. Applications cannot be accepted from Principal Investigators in commercial organisations.
- e. Applicants must be competent in oral and written English.
- f. The Malaysian applicant's employing organisation must be willing to agree to administer the grant.
- g. Principal Investigator of UK campuses based in Malaysia are eligible to apply if the UK PI is not from the same institution..

- h. Malaysian applicants will need to adhere to MoHE progress and outcomes monitoring requirements.

4.3 Studentships

There are no UK associated studentships permitted as part of this call.

4.4 Reporting requirements

As with all NERC grant holders, there will be a requirement to report through the RCUK reporting system; this is required annually and continues for up to five years post grant end..

As this is a Newton-Ungku Omar Fund programme there will be additional reporting requirements, which successful applicants will be required to assist with.

4.5 Capital requests

The purchase of capital (items over £10k) by UK applicants through the Newton-Ungku Omar Fund is not permitted.

4.6 Awards and extension requests

Successful grants will be funded for up to 3 years and are should start in October 2018 and conclude no later than 31 December 2021 to align with the Newton Fund timescales.

Due to financial restraints of the Newton-Ungku Fund Programme, grant extensions will only be considered under exceptional circumstances (in line with the Equality Act 2010) and will require NERC agreement on a case-by-case basis. The Research Organisation remains responsible for compliance with the terms of the Equality Act 2010, including any subsequent amendments introduced while work is in progress, and for ensuring that the expectations set out in the RCUK statement of expectations for equality and diversity are met.

5. Application process

5.1 Notification of Intent

A Notification of Intent to submit a proposal must be submitted for all potential applicants to the call via the online application form by 16:00 BST / 00:00MYT 4 December 2017.

Only one Notification of Intent form needs to be submitted per project. The notification must follow the instructions provided on the online application form and include details on the research themes that the proposed research will address and the institutions, investigators and project partners that are expected to be involved. NERC, ESRC and MoHE will use this information to plan the proposal assessment. The notifications will not be assessed but eligibility for Research Council and MoHE funding will be checked. It should be noted that submission of the Notification of Intent is a requirement of this call and full bids will only be accepted from those teams who submit a completed Notification of Intent to submit online form prior to the deadline. **The Notification of Intent form is available from the Announcement of Opportunity page on the NERC website.**

NERC will acknowledge receipt of all notifications and invite eligible applicants to submit a full proposal. NERC will share copies of the notifications with ESRC and MoHE. **The lead PI from the UK and Malaysia should not change following approval to submit to full bid.**

5.2 Full bid application process

The full bid Closing date is 16:00 GMT/00:00 MYT 21 February 2018.

This programme will support collaborative projects between the UK and Malaysia and each project should submit a single collaborative proposal that sets out the research to be carried out by both the UK and Malaysian partners. All applications must include UK and Malaysian scientists. The UK applicant must submit the application through the [Research Councils' Joint Electronic Submission system](#) (Je-S).

An identical application must be submitted by the Malaysian PI for administrative purposes to the [Malaysia Greater Research Network System \(MyGRANTS\)](#). The application must be submitted in English to the MyGRANTS within two weeks after full bid closing date. The UK applicant should list the lead Malaysian PI and collaborators as Project Partners on the Je-S form. Each individual organisation should be listed as a separate Project Partner. The approximate value of the Malaysian collaborators and other contributions should be detailed in the project partner in-kind support section of the proposal form. Note the requirements below for providing full details of the Malaysian budget requested.

The following additional attachments must be provided on the lead proposal:

- Letters of Support for each named Malaysian collaborator listed as a Project Partner. This is a Je-S requirement and the letter of support should be a dummy document attachment. See Letters of Support section below.
- CVs for each of the named Malaysian collaborators (maximum 2 pages per person) should be combined into one document as attachment type 'Non-UK Components'.
- Completed Malaysian excel budget form as attachment type 'Non-UK Components' which summarises details of the Malaysian applicants and their requested costs (see Malaysian Costs below).

Successful grants will have their UK costs paid through Je-S and their Malaysian costs paid through MoHE's system.

Applicants should select Proposal Type- 'Standard Proposal' and then select the scheme – 'Directed International' and the Call – 'Newton Hydrometeorological Hazards Feb 2018'.

Applicants are requested to identify which of the five countries they are applying to work with in the title section of the Je-S form, i.e. the title should begin with [Malaysia].

Applicants should leave enough time for their application to pass through their organisation's Je-S submission route before this date. Applications not submitted before the deadline will not be received or considered. **Applicants must ensure that their application is received by NERC by 16:00GMT/00:00 MYT on the closing date, 21 February 2018.**

All attachments, with the exception of letters of support and services/facilities/equipment quotes, submitted through the Je-S system must be completed in single-spaced typescript of minimum font size 11 point (Arial or other sans serif typeface of equivalent size to Arial 11), with margins of at least 2cm. Please note that Arial narrow, Calibri and Times New Roman are not allowable font types and any proposal which has used either of these font types within their submission will be rejected. References and footnotes should also be at least 11 point font and should be in the same font type as the rest of the document. Headers and footers should not be used for references or information relating to the scientific case. Applicants referring to websites should note that referees may choose not to use them.

Applicants should ensure that their proposal conforms to all eligibility and submission rules, otherwise their proposal may be rejected without peer review. More details on NERC's

submission rules can be found in the [NERC research grant and fellowships handbook](#) and in the submission rules on the NERC website.

Please note that on submission to council ALL non PDF documents are converted to PDF, the use of non-standard fonts may result in errors or font conversion, which could affect the overall length of the document.

Additionally where non-standard fonts are present, and even if the converted PDF document may look unaffected in the Je-S System, when it is imported into the Research Councils Grants System some information may be removed. We therefore recommend that where a document contains any non-standard fonts (scientific notation, diagrams etc.), the document should be converted to PDF prior to attaching it to the proposal.

Full Guidance on the application process, including details of UK eligible costs, is available in the [NERC Research Grants Handbook](#).

The costs of the UK institutions should be submitted in to the Je-S system and will be met from the UK funds, and those for the Malaysian partner institutions will be met by Malaysia and should be submitted on the pro-forma provided.

i. Proposal components

In addition to the standard Je-S pro forma, the **lead** component of each proposal should include the following documents in Je-S:

a) A joint **Case for Support**, which is comprised of three parts:

Part 1 – A common **Previous Track Record** incorporating **ALL** UK and Malaysian Research Organisations involved (up to **3 sides A4**). The Track Record should provide a summary of the results and conclusions of recent work in the technological/scientific area that is covered by the research proposal; Include reference to RCUK, MoHE, and other relevant funded work. Details of any relevant past collaborative work with other beneficiaries should also be given; Indicate where your previous work has contributed to the UK or Malaysia's competitiveness or to improving the quality of life; outline the specific expertise available for the research at the host organisation and that of any associated organisations and beneficiaries.

Part 2 – A common **Description of the Proposed Research**. (up to **8 sides A4**, including all necessary tables, figures and references) and should include:

- underlying rationale and scientific issues to be addressed,
- describe why the work is strategically important,
- how users are participating in projects, how they will be engaged and how the outputs and outcomes address their requirements,
- how the application addresses the scope of this particular call,
- the key research objectives and hypotheses, and
- how these will be achieved.

Part 3 - A common **Management Plan** (up to **1 side A4**). To include management structures and plans, participant responsibilities and scheduling chart. Note the management plan should factor in the need to allocate resources to cross-project coordination and integration.

b) **UK costs:** a common **Justification of Resources**; (up to **2 sides A4**). This should be for all UK Research Organisations involved, for all Directly Incurred Costs, Investigator effort, use of pool staff resources, any access to shared facilities and equipment. Capital requests (i.e. individual items over £10k) are not permitted

through the Newton Fund. For further information of what to include in the Justification of Resources, see section E in the [NERC Research Grants Handbook](#).

- c) **Malaysian costs:** justification of these resources and details of the Malaysian Investigators should be submitted on the separate form provided and entered into Je-S as attachment type '**Non-UK Component**'. The excel budget form is available to download from Announcement of Opportunity page on the NERC website and annex 1 provides guidance on how to complete the excel budget form.
- d) A common **Pathways to Impact**; (up to **2 sides A4**), detailing:
- those who may benefit or make use of the research;
 - how they might benefit and/or make use of the research;
 - methods for disseminating data/knowledge/skills in the most effective and appropriate manner.

Full details of the requirements for [Pathways to Impact](#), and a suggested template, can be found on the NERC website. The costs of knowledge exchange activities in the plan should be fully integrated into the proposal costings and justified in the Justification of Resources section.

- e) A common **Outline Data Management Plan** (up to **1 side A4**). This section includes information about how the project will manage data produced and identify data sets of long-term value that should be made available to the relevant data centre for archiving and reuse at the end of the grant. Further guidance regarding [NERC's Data Policy](#) is available.
- f) **Letters of Support** from named Project Partners to confirm that support and facilities will be made available for associated collaborations and co-funding (up to **2 sides A4 each letter**). The Je-S system will require a letter of support for the Malaysian named collaborators listed as Project Partners. A 'dummy letter of support' should be submitted and indicated that that this is the letter of support for the Malaysian named collaborator.
- g) **ODA statement** (up to **1 side A4**). This should describe how the proposed project meets the ODA requirements by answering:
1. How will Malaysia directly benefit from this proposal?
 2. How is your proposal directly and primarily relevant to the development challenges of Malaysia?
 3. How do you expect that the outcome of your proposed activities will promote the economic development and welfare in Malaysia?

Each **component** application (including the lead) will additionally require the following attachments:

- a) A **CV** (up to **2 sides of A4**) for each named PI, Co-I, research staff post and Visiting Researcher.
- b) **Technical Assessment** of the request for access to a NERC Facility. PIs wishing to use a [NERC facility](#) will need to submit a mandatory 'technical assessment' with their proposal (excluding HPC). Given the time restrictions on spend under calls supported by the Newton Fund, we are unable to accept NERC shiptime or aircraft requests as part of this call. All other NERC Services and Facilities must be fully costed within the limits of the proposal, and agreement that they can be undertaken within the

timeframe of the spend must be provided by the facility. For NERC, this means a quote for the work which the facility will provide. A [full list of the Facilities](#) requiring this quote can be found on the NERC website.

6. Assessment Process

The Full Proposals will be internationally peer-reviewed and final funding recommendations made by a Moderating Panel, consisting of members of the UK and Southeast Asian science communities and other independent experts. Applicants will be given the opportunity to provide a written response to peer review comments, which will be made available to the panel along with the reviewer comments.

The PI response notification will be sent to the UK lead applicant via the Je-S system and it is the expectation that the UK PI shares this request with the Indonesian collaborators to ensure that the PI response is a coordinated response agreed by the UK and Indonesian PIs. This will then need to be submitted by the UK applicant on behalf of the whole project via the Je-S system.

The final funding decision will be made by NERC, ESRC and MoHE based on the recommendations of the Moderating Panel. The Funders are aiming to achieve a balanced portfolio of projects across the programme that best address the overarching aims of the programme.

The [assessment criteria](#) to be used for the full proposal will be as follows:

- Research Excellence
- Fit to Scheme

Feedback will be provided to all applicants following the assessment of proposals.

7. Timetable

Date	Activity
10-11 October 2017	Networking workshop – launch the call
4 December 2017	Notification of intent to submit deadline
21 February 2018	Full bid closing date
February to June 2018	Peer review assessment
week commencing 4 June 2018	Principal Investigator response to reviews*
11 – 12 July 2018	Moderating panel meeting
August 2018	Funding decisions confirmed
September 2018	Awards announced
October 2018	Grants start

*Applicants should be prepared to respond to reviewers comments in this time frame.

8. Contact

The call is being administered by NERC in the UK on behalf of all funders. Initial enquiries should be made to:

- NERC - Daniel Knight
Tel: +44 (0) 7928 668 935

Email: newtonseasia@nerc.ac.uk

- MoHE - Siti Fazlina binti Mohd Sani
Senior Assistant Director
Email: sfazlina@mohe.gov.my
Phone: +603-8870 6959

MoHE Cost Proforma**FINANCIAL REGULATIONS
PERATURAN KEWANGAN****Vote 11000 Salary and Allowance for Graduate Research Assistant (GRA)
Vot 11000 Upah dan Elaun untuk Pembantu Penyelidik Siswazah (GRA)**

Ceiling of salary and allowance shall not exceed MYR2,300 for PhD student or follows the rate enforced in applicant institution. /

Siling upah dan elaun tidak melebihi RM2,300 untuk pelajar Sarjana atau mengikut garis panduan IPT.

**Vote 21000 (Travelling and Transportation)
Vot 21000 (Perjalanan dan Pengangkutan)**

The expenditure includes all domestic travelling and transportation relevant to the project.
Perbelanjaan merangkumi semua perjalanan dan pengangkutan domestik yang berkaitan dengan projek.

Travelling abroad (based on the approval by Evaluation Committee) shall fulfill the criteria below:-

Perjalanan ke luar negara (berdasarkan kepada kelulusan Jawatankuasa Penilaian) perlu memenuhi kriteria di bawah:-

Travelling abroad is only approved subject to grant sufficiency. Principal Investigator (PI) and members allowed for travelling abroad. GRA pursuing PhD is only allowed for an attachment relevant to their research in UK for maximum of six months.

Perjalanan ke luar negara dibenarkan tertakluk kepada kecukupan geran yang telah dipohon. Ketua Penyelidik dan ahli dibenarkan bagi tujuan tersebut. Pembantu penyelidik siswazah peringkat PhD hanya dibenarkan untuk mengikuti sandaran yang berkaitan dengan penyelidikan mereka di UK untuk tempoh maksimum enam bulan.

Travelling abroad is only approved for attending conference / seminar / workshop / colloquium to make project presentation or training attachment. /

Perjalanan ke luar negara yang dibenarkan ialah yang bertujuan untuk menghadiri persidangan / seminar / bengkel / kolokium untuk membentangkan hasil penyelidikan atau menjalani latihan sandaran.

The destination chosen should be the most appropriate and economical in terms of facility availability, relevance of expertise and technology transfer.

Destinasi perjalanan tersebut mestilah merupakan tempat yang paling sesuai dan ekonomikal dari segi kemudahan, kepakaran dan pemindahan teknologi.

Travelling abroad shall comply with relevant institutions regulations.

Perjalanan ke luar negara mestilah juga mengikut peraturan IPT masing-masing.

Only 20% of the total project allocation is allowed for the purpose of attending conference and other relevant activities other than site work.

Untuk menghadiri persidangan dan lain-lain aktiviti selain kerja lapangan, sebanyak 20% dari jumlah peruntukan projek dibenarkan.

The total expenditure for Travelling and Transportation shall not exceed 40% of the total project allocation.

Jumlah perbelanjaan untuk perjalanan tidak boleh melebihi 40% daripada jumlah keseluruhan geran.

Vote 24000 Rental

Vot 24000 Sewaan

Rental is only allowed for premises, equipment, transport and others relevant to the development of the project.

Sewaan hanya dibenarkan untuk bangunan, peralatan, pengangkutan dan barangan lain yang terlibat secara langsung dengan pembangunan projek sahaja.

Vote 27000 Research Supplies & Materials

Vot 27000 Bekalan dan Bahan Penyelidikan

Only expenditure relevant to the project development is allowed.

Hanya perbelanjaan yang berkaitan dengan pembangunan projek sahaja dibenarkan.

Vote 28000 Minor Repairs & Renovation

Vot 28000 Baik pulih kecil dan ubahsui

Only minor repairs and renovation on premises, laboratory, equipment or others that relevant to the project development allowed.

Hanya perbelanjaan untuk baik pulih dan pengubahsuaian yang kecil terhadap bangunan, makmal, peralatan atau lain-lain barang yang berkaitan dengan penyelidikan dibenarkan.

Maintenance cost for existing equipment is allowed during the project implementation period. Upon project completion, such maintenance cost shall not be borne under the grant.

Kos penyelenggaraan peralatan sedia ada semasa projek dilaksanakan adalah dibenarkan. Selepas projek selesai kos penyelenggaraan ini tidak akan ditanggung lagi oleh Geran ini.

Vote 29000 Consultancies and Other Services

Vot 29000 Perkhidmatan Ikhtisas

This is allocation for other services including printing, hospitality, honorarium, professional services, consultancies, computer usage, data processing and others relevant to the project development.

Vot ini meliputi lain-lain perkhidmatan termasuk percetakan, hospitaliti, honorarium, perkhidmatan profesional, konsultasi, penggunaan komputer, pemprosesan data dan lain-lain perkhidmatan yang berkaitan dengan pembangunan projek.

Vote 35000 Accessories & Equipment

Vot 35000 Aksesori dan Peralatan

Only special equipment and accessories (include for enhancing existing equipment) that are relevant to the project development allowed. Such every single purchase shall be well justified and submitted together with its quotation as stipulated by Federal Treasury.

Hanya pembelian peralatan khas dan aksesori (termasuk meningkatkan keupayaan peralatan sedia ada) yang berkaitan dengan pembangunan projek berkenaan sahaja dibenarkan. Setiap permohonan mestilah disertakan justifikasi dan sebut harga mengikut Pekeliling Perbendaharaan.

Communications equipment that is irrelevant to the project development is not allowed.
Tidak dibenarkan membeli peralatan komunikasi yang tidak berkaitan langsung dengan projek penyelidikan.

The total application under this Vote shall not exceed 40% of overall project budget.
Jumlah yang dipohon pula tidak melebihi 40% daripada jumlah geran.

Cost Proforma

Cost Proforma						
<p>Please indicate your estimated budget for this research and details of expenditure according to the guidelines attached. <i>Sila nyatakan anggaran bajet bagi cadangan penyelidikan ini dan berikan butir – butir perbelanjaan lengkap dengan berpandukan kepada garis panduan yang dilampirkan.</i></p>						
		Amount requested by applicant <i>Jumlah yang dipohon oleh pemohon</i>				
		Year 1 Tahun 1 (RM)	Year 2 Tahun 2 (RM)	Year 3 Tahun 3 (RM)	Total Jumlah (RM)	
1.	<p>Vote 11000 - Salary and wages <i>(Upah dan Elaun untuk Pembantu Penyelidik Siswazah (GRA)).</i> Please specify <i>Sila nyatakan secara lengkap dengan pecahannya sekali.</i></p>					<p>Please Indicate the overall Budget <i>Sila nyatakan bajet secara keseluruhan</i></p>
2.	<p>Vote 21000 - Travelling and Transportation/ <i>Perjalanan dan Pengangkutan.</i> Please specify <i>Sila nyatakan secara lengkap dengan pecahannya sekali.</i> * Travelling abroad for the purpose of research is allowable. * <i>Perjalanan ke luar negeri bagi tujuan penyelidikan adalah dibenarkan.</i> * Flight ticket/logistic expenditure for invited/visiting counterpart outbound to Malaysia in the virtue of research is allowable. * Tiket penerbangan/kos logistik bagi penyelidik jemputan/penyelidik rakan ke Malaysia atas tujuan penyelidikan adalah dibenarkan.</p>					<p>Please Indicate the overall Budget <i>Sila nyatakan bajet secara keseluruhan</i></p>
3.	<p>Vote 24000 - Rental <i>Sewaan</i></p>					<p>Please Indicate the overall Budget</p>

	Please specify <i>Sila nyatakan secara lengkap dengan pecahannya sekali.</i>					<i>Sila nyatakan bajet secara keseluruhan</i>
4.	Vote 27000 - Research Materials & Supplies <i>Bekalan dan Bahan Penyelidikan</i> Please specify <i>Sila nyatakan secara lengkap dengan pecahannya sekali.</i>					Please Indicate the overall Budget <i>Sila nyatakan bajet secara keseluruhan</i>
5.	Vote 28000 - Maintenance and Minor Repair Services <i>Baik pulih kecil dan ubahsuai</i> Please specify <i>Sila nyatakan secara lengkap dengan pecahannya sekali.</i>					Please Indicate the overall Budget <i>Sila nyatakan bajet secara keseluruhan</i>
6.	Vote 29000 - Professional Services <i>Perkhidmatan Ikhtisas</i> Please specify <i>Sila nyatakan secara lengkap dengan pecahannya sekali.</i>					Please Indicate the overall Budget <i>Sila nyatakan bajet secara keseluruhan</i>
7.	Vote 35000 - Accessories and Equipment <i>Aksesori dan Peralatan</i> Please specify <i>Sila nyatakan secara lengkap dengan pecahannya sekali.</i>					Please Indicate the overall Budget <i>Sila nyatakan bajet secara keseluruhan</i>
TOTAL AMOUNT <i>JUMLAH BESAR</i>						