



**INITIAL ENVIRONMENTAL EXAMINATION (IEE) /
REQUEST FOR CATEGORICAL EXCLUSION (RCE)**

Amendment - 5

PROJECT/ACTIVITY DATA:

Activity Name: Avian Influenza and Emerging Infectious Diseases (Infectious Disease Emergence and Economics of Altered Landscapes - IDEEAL)
Country/region: Regional Development Mission for Asia (RDMA)
Start Date: October 1, 2005 **End Date:** June 30, 2018
Amount (\$): \$2,500,000
IR 2.1: Enhancing Capabilities to Mitigate Public Health Threat

IEE Prepared by: Thitima Klasnimi/Daniel Schar, **Date:** October 13, 2016
Office of Public Health

IEE Amendment (Y/N): Y
Date of Original IEE: May 12, 2006
Tracking number:

Below is the link to relevant Infectious Diseases IEEs:
Original IEE (ANE 06-67) -- <http://gemini.info.usaid.gov/egat/envcomp/repository/pdf/2803.pdf>
Amendment #2 (ANE 08-10) -- <http://gemini.info.usaid.gov/egat/envcomp/repository/pdf/2821.pdf>
Amendment #3 (ASIA 10-98) -- <http://gemini.info.usaid.gov/egat/envcomp/repository/pdf/37310.pdf>
Amendment #4 (ASIA 13-162) -- <http://gemini.info.usaid.gov/egat/envcomp/repository/pdf/49326.pdf>

ENVIRONMENTAL ACTION RECOMMENDED: (Place X where applicable)

Categorical Exclusion: Negative Determination with Conditions:
Positive Determination: Deferral:

Purpose and Scope of IEE

The purpose of this amendment is to:

- a) Update activity data to reflect the current information for this IEE – including:
 - Change the “End Date” from September 30, 2016 to June 30, 2018;
 - Clarify the “Amount (\$)” to reflect the total amount of funds supporting the on-going activity covered in this IEE);
- b) Provide update on the one activity covered in this IEE (Infectious Disease Emergence and Economics of Altered Landscapes - IDEEAL); and
- c) Recommend RCE for the IDEEAL activity extension.

The “End Date” in the activity data section is being amended because USAID is planning an extension of IDEEAL, one remaining activity covered in this IEE.

The “Amount (\$)” identified in previous Amendment was \$97,654,000 which mostly included completed activities with the exception of one on-going activity. As such, this amendment clarifies the current total amount of funds supporting one on-going activity covered in this IEE. This “Amount (\$)” covers Infectious Disease Emergence and Economics of Altered Landscapes (IDEEAL) activity.

Below is the current activity covered is this IEE.

Activities	LOP Amount	End Dates	Threshold Decision
Infectious Disease Emergence and Economics of Altered Landscapes (IDEEAL)	\$2,500,000	June 30, 2018	Categorical Exclusion

The nature and scope of activities of IDEEAL as approved in Amendment # 4 remain similar with minor additions, including:

- Completion of a management plan for the center of excellence at the University of Malaysia, Sabah;
- Support for subject area research at the intersect of health economics and land use change within the above referenced center of excellence at University of Malaysia, Sabah;
- Presentation to the Sabah state cabinet and Ministry of Tourism and Environment of modeling analyses pertaining to land use development scenarios in Sabah;
- Expansion of modeling approach to peninsular Malaysia, Indonesia, and the Mekong Sub Region
 - This will include collection of health costing and land use change data to inform model outputs and analyses for consideration in land use decision making;
- Production of actionable model outputs and development of ecosystem services training to communities and stakeholders, promoting evidence-based development planning.

Updated Activity Description and Justification for Categorical Exclusion Request for the Extension of IDEEAL

Activity Description

RDMA has awarded a three-year cooperative agreement to EcoHealth Alliance, with the activity named “Infectious Disease Emergence and Economics of Altered Landscapes (IDEEAL).” The original Life of the Project (LOP) is \$1,999,203 and the activity ended on October 13, 2016. A modification has been made to extend the activity end date, without cost, to November 30, 2016. The award was designed to quantify the disease regulatory value of ecosystems, and apply an informed economic analysis to land use decision making. The approach involved the development of a suite of modeling products, an informational tool kit, and the creation of a center of excellence for applied research and learning around land use change and disease emergence.

Through this activity, RDMA has supported enhanced characterization of the pathways and economic impacts of disease emergence linked to landscape change, recognizing that deforestation and forest degradation are drivers of both global climate change and emerging diseases of pandemic potential. Per Amendment #4, this activity was approved by Bureau Environmental Officer on August 29, 2013 for a **Categorical Exclusion per 22 CFR 216.2(c)(2)(iii).**

To date, the project accomplishments include the development and validation of models, and their application to inform land use plans in Sabah, Malaysia, which have generated interest amongst other stakeholders working in this arena. Collaborative opportunities with both private sector entities and USAID missions in the region are under consultation. The extension will support the expansion and scale of the project approach within Asia, namely to peninsular Malaysia, Indonesia, and the Mekong Sub Region. The activity continues to focus on data collection, and production of analyses and modeling outputs that capture a spatially explicit projection of health costs expected under various land use development scenarios. The current IDEEAL agreement ends November 30, 2016. Subject to availability of funds, USAID is planning an extension through June 30, 2018.

Justification of Categorical Exclusion Request

This IEE requests that the IDEEAL activities expansion described justify **Categorical Exclusions**, pursuant to 22CFR216.2(c)(1) and (2)(iii), for which an Initial Environmental Examination, or an Environmental Assessment are not required because the actions do not have an effect on the natural or physical environment.

Specifically, as currently planned and implemented, these activities fall into the class of action: analyses, studies, academic or research workshops and meetings.

Revisions and Limitations

If during implementation, project activities are considered outside of those described in this document, an amendment shall be submitted. Pursuant to 22 CFR 216.3(a)(9), if new activities are added and/or information becomes available which indicates that activities to be funded by the project might be “major” and the project’s effect “significant,” this determination will be reviewed and revised by the C/AOR of the project, and submitted to the Mission Environmental Officer and Bureau Environmental Officer for approval and, if appropriate, an environmental assessment will be prepared. It is the responsibility of the C/AOR to keep the Mission Environmental Officer and the BEO informed of any new information or changes in the activity that might require revision of the IEE.

APPROVAL OF REUEST FOR CATEGORICAL EXCLUSION:

OPH Office Director
Clearance:



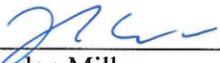
Aaron Schubert Date 10/13/2016

Mission Environment Officer
Clearance:



Saengroaj Srisawaskraisorn Date 10/13/2016

Resident Legal Officer
Clearance:



Brandon Miller Date 10/26/16 with edits

Program Development Officer
Clearance:



Steven Majors Date 10/13/16

Regional Environment Officer
Clearance:



Aaron Brownell Date 10/25/16 with suggested edits

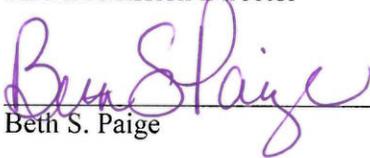
Deputy Mission Director
Clearance:



Todd Sorenson Date 11/2/16

APPROVAL:

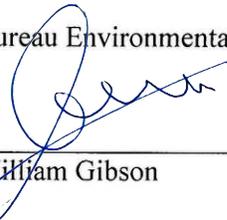
RDMA Mission Director



Beth S. Paige Date 11/3/16

CONCURRENCE:

Bureau Environmental Officer



William Gibson Date 11/4/2016

IEE RDMA: Enhanced Capabilities to Mitigate Public Health Threats (IR 2.1)

DISTRIBUTION:

Mission Environmental Officer
CORs/AORs
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