



Establishing a Global Environmental and Occupational Health (GEOHealth) Hub for East Africa

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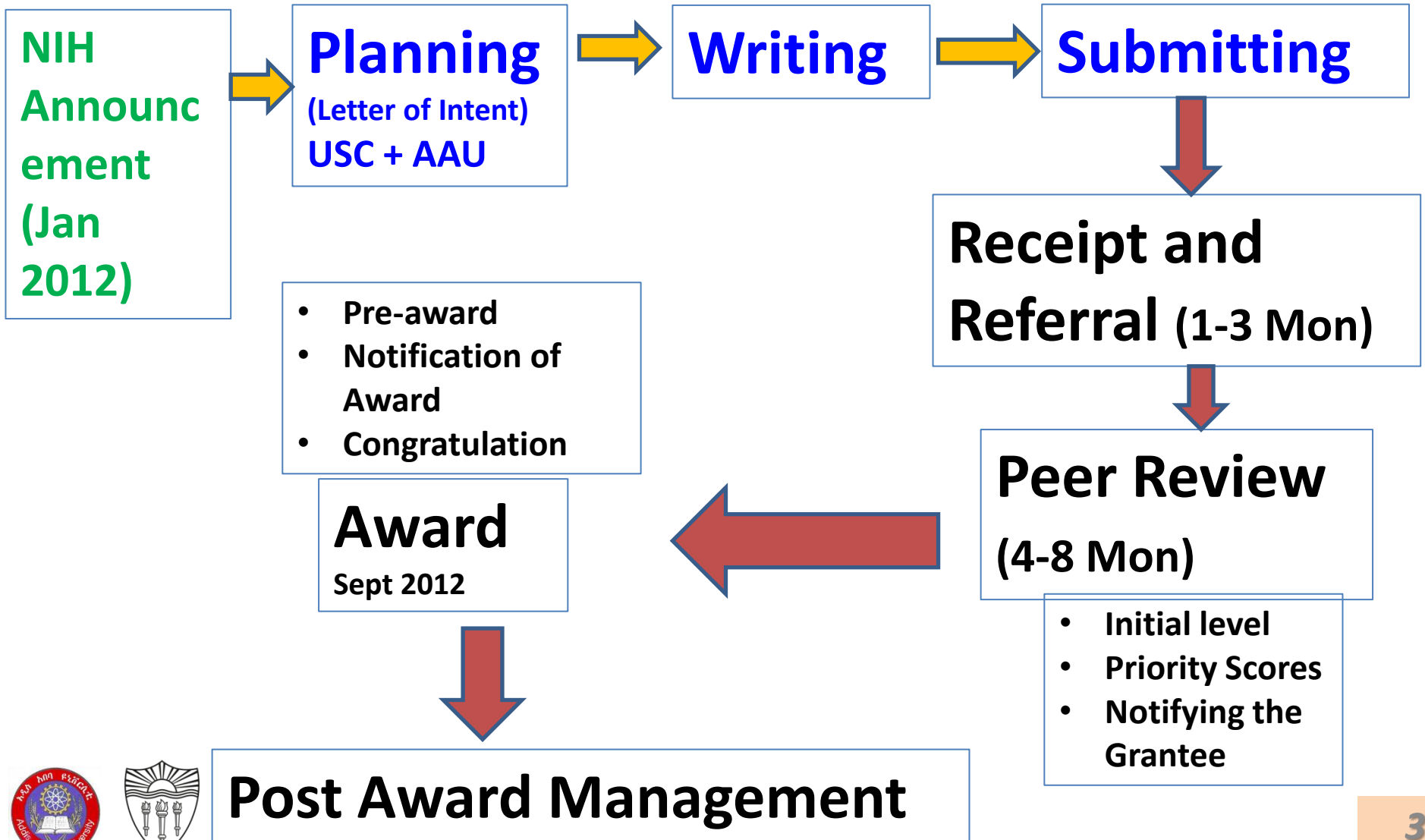


Outline

- Motivation for the GEOHealth Hub
- Specific Aims
- The Investigative Team
- Institutional Partners & Stakeholders
- Implementation Plan



The NIH Grant Process Overview

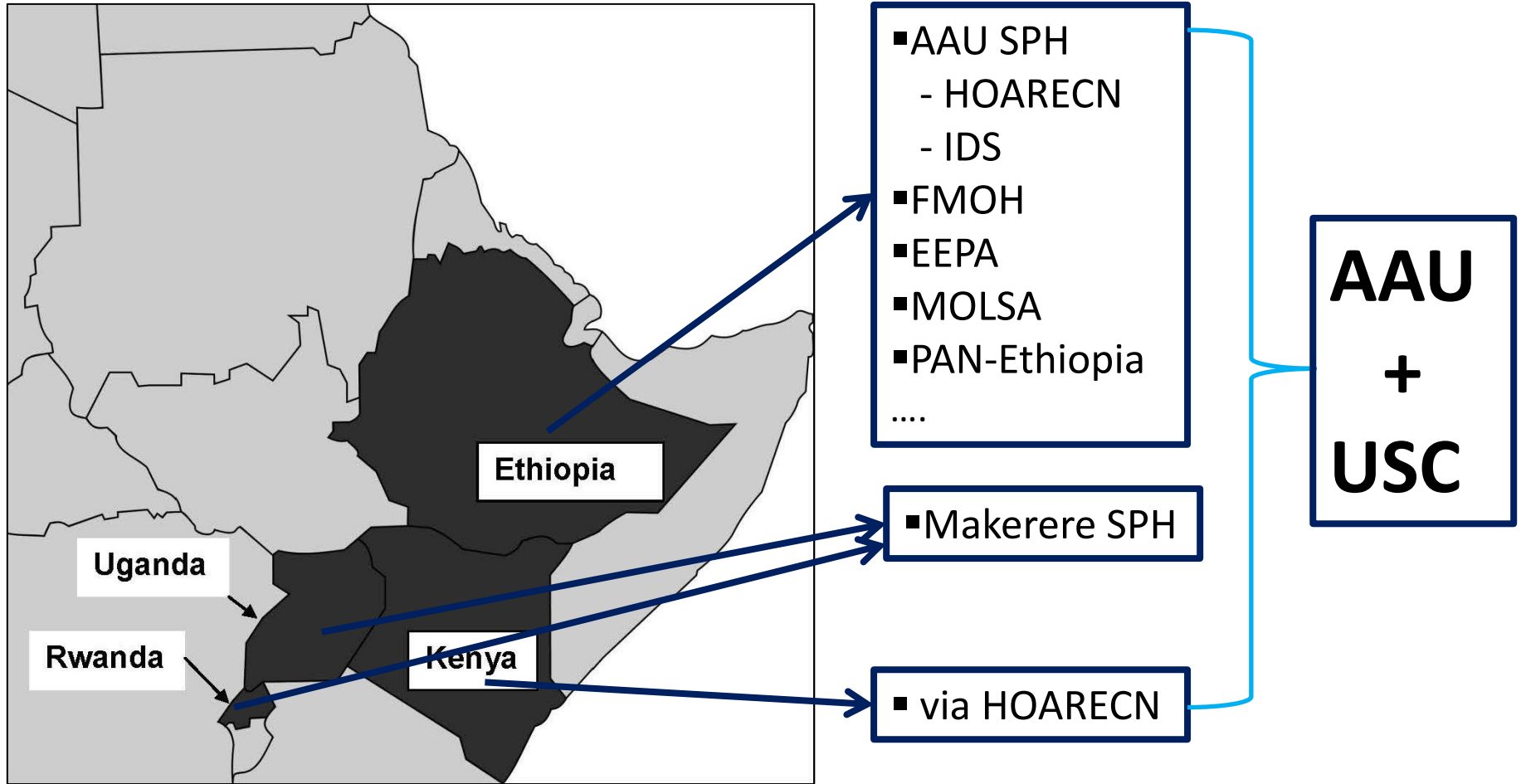


Motivation: Why a GEOHealth Hub?

- East African Region already facing multiple challenges
 - ❑ Malnutrition,
 - ❑ Poverty
 - ❑ Infectious diseases
- Burden of disease from environmental and occupational hazards a growing concern
- Health consequences of climate change emerging issues at the global scale
- Paucity of relevant data and lack of human capacity in key areas
- A need for a comprehensive systematic review and concerted action timely



Geographic Focus & Institutional Setup



Specific Aims

Aim 1:

- To conduct a survey to identify current research, educational, policy and regulatory activities (Governmental, academic, NGO)
 - to identify gaps in these activities
 - to evaluate needs for strengthening capacity

Aim 2:

- To analyze findings of inventory and conduct planning workshops
- To develop innovative & cost-effective solutions to identified training, research and policy needs



Specific Aims

Aim 3:

- To develop a strategic research plan for the full hub proposal
- To address critical evidence gaps for mitigation of environmental and occupational health problems
- Focus on priority areas of national and regional stakeholders

Aim 4:

- To establish a capacity building framework for the full hub proposal for
 - curriculum development and enhancement of training programs
 - focus areas of environmental /occupational health in the region.



Specific Aims

Aim 5:

- Create a framework for translating research findings into preventive action
- Focus on medical, public health, and regulatory sectors
- Partnership with working appropriate organizations in the region

Aim 6:

- Provide an immersion experience in environmental health research and training for AAU principal scientists
 - focus on curriculum development and training for the hub
 - Via workshops in Ethiopia and visits AAU → USC

Aim 7:

- Create regional networking platforms to develop regional buy-in for the full GEOHealth hub



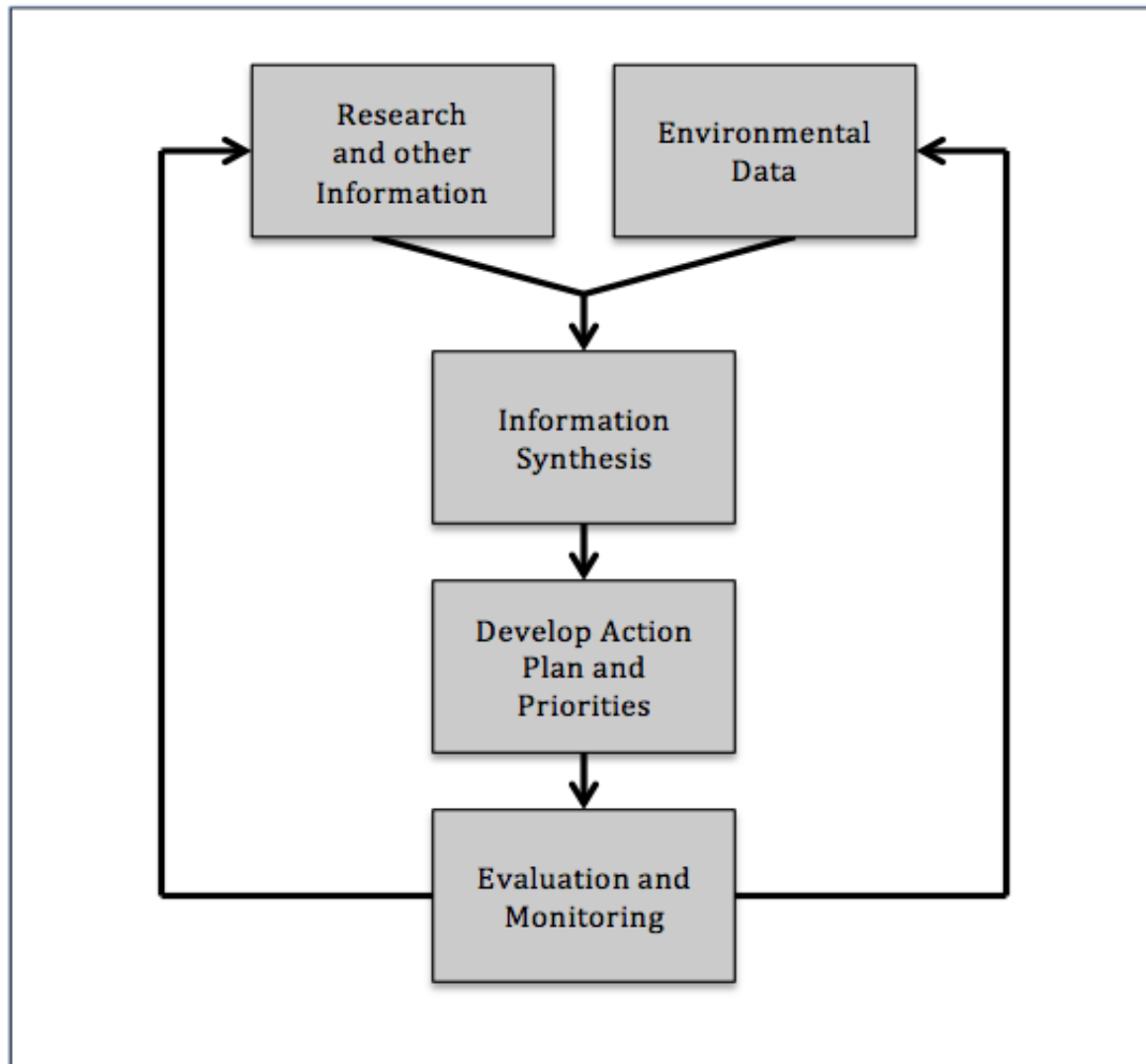
Establishing Parameters for Needs Assessment – Pre Inception

- Examine existing SANA survey instrument to address the focus areas:
 - Indoor/outdoor AP
 - Occupational Health (Agricultural, Industrial)
 - Climate change
- Adopt instrument to Needs Assessment of planning grant
- Identify stakeholders to be covered by needs assessment and identification of critical gaps
- Conduct a thorough literature search on current state of science (in Ethiopia, East Africa and elsewhere)
- Pilot the survey and finalize Instrument for implementation

Inception Meeting

- Meeting between PIs and study team
- Workshop with Ethiopian study team (with vision for full hub application) and governmental and NGO stakeholders
- Refine survey instruments (if pilot) or assess progress on survey (if main survey is launched)
- Initiate literature search process

Assessment Survey Framework



Needs Assessment Survey – Part I

- Conduct literature review [draft paper on literature review and gaps?]
- Complete main survey and interviews
- Conduct assessment of critical gaps
- Data management and preparation for analysis
- Preliminary analysis of survey data

Needs Assessment Survey – Part II

- Complete survey analysis
- Draft of report of survey findings
- Draft of vision for full GEOHealth Hub
- Complete and submit literature review manuscript for publication
- Planning of national workshop in Ethiopia

Needs Assessment Survey – Part III

- Finalize report of findings
- Preparations for the national workshop
- Identification of partners
- Initial planning of regional activities



Needs Assessment Survey – Part IV

- National workshop [June, 2013?]
- Scientific publication on survey findings
- Planning of regional activities for year 2



Thank You

