

INTERAMERICAN WORKSHOP ON THE USE OF REMOTE SENSING TO CONTROL INFECTIOUS DISEASES

SPEAKERS FROM:

- FIOCRUZ (BRAZIL)
- JOHNS HOPKINS SCHOOL OF PUBLIC HEALTH (USA)
- NATIONAL AERONAUTIC AND SPACE ADMINISTRATION (USA)
- OXFORD UNIVERSITY (UK)
- UNIVERSITY OF ILLINOIS (USA)
- UERJ (BRAZIL)
- INTERNATIONAL RESEARCH INSTITUTE FOR CLIMATE PREDICTION (USA)
- LOUISIANA STATE UNIVERSITY (USA)
- INPE (BRAZIL)
- UNITED STATES GEOLOGICAL SURVEY

CONFERENCE THEMES:

- CHAGAS DISEASE, LEISHMANIASIS AND SCHISTOSOMIASIS
- LAND COVER AND METEOROLOGICAL SATELLITES
- LANDSCAPE EPIDEMIOLOGY OF INFECTIONS
- ACCESS TO SATELLITE IMAGES
- FIELD SAMPLING AND SATELLITE IMAGERY
- EPIDEMIOLOGICAL EARLY WARNING
- MALARIA, REMOTE SENSING AND GIS

ORGANIZING COMMITTEE:

- ULISSES E. C. CONFALONIERI (FIOCRUZ – WORKSHOP COORDINATOR)
- DIANA P. MARINHO – FIOCRUZ
- MÔNICA DE A. F. M. MAGALHÃES - FIOCRUZ
- IVAN O. PIRES – UFF
- CARLA MADUREIRA – UFRJ
- RICARDO VERGARA – IME
- WALTER M. RAMALHO – FUNASA
- GUILHERME WERNECK – UERJ
- ANTONIO D. MOURA – INMET
- SOLANGE BEZERRA – AMERICAN CONSULATE IN RIO DE JANEIRO
- MARCELLA OHIRA – IAI

FINAL PRODUCTS FROM THE EVENT: A CD-ROM CONTAINING THE PRESENTATIONS AND A BOOK WITH REPORTS FROM THE WORKING GROUPS AND THE PAPERS FROM THE CONFERENCES.



Realização:



Ministério da Saúde
FIOCRUZ
Fundação Oswaldo Cruz



Inter-American Institute
for Global Change Research

Patrocínio:



Ministério da Saúde
FIOCRUZ
Fundação Oswaldo Cruz



DEPARTMENT
OF STATE - USA



Inter-American Institute
for Global Change Research

Apoio:



Workshop Interamericano
sobre o Uso de Sensoriamento
Remoto para o Controle de
Doenças Infecciosas

WORKSHOP

TITLE: INTERAMERICAN WORKSHOP ON THE USE OF REMOTE SENSING TO CONTROL INFECTIOUS DISEASES.

VENUE: EXCELSIOR HOTEL – AV. ATLÂNTICA, 1.800 – COPACABANA - RIO DE JANEIRO, BRAZIL.

DATE: NOVEMBER 19-21, 2003.

ORGANIZERS: OSWALDO CRUZ FOUNDATION (FIOCRUZ)
INTERAMERICAN INSTITUTE FOR GLOBAL CHANGE RESEARCH (IAI)

SPONSORS: U. S. DEPARTMENT OF STATE, THROUGH THE AMERICAN EMBASSY IN BRASÍLIA;
IAI AND FIOCRUZ

ADMINISTRATION: BRAZILIAN ASSOCIATION OF PUBLIC HEALTH (ABRASCO) AND CARLA HENKER

OBJECTIVE: TO DEMONSTRATE THE POSSIBILITIES OF APPLICATION OF REMOTE SENSING TECHNOLOGIES (FOR LAND COVER STUDIES AND FOR METEOROLOGICAL DATA) IN THE STUDY AND CONTROL OF INFECTIOUS DISEASES.

PARTICIPANTS: HEALTH OFFICIALS AND, TO A LESSER EXTENT, REMOTE SENSING RESEARCHERS FROM GOVERNMENTAL AND/OR ACADEMIC INSTITUTIONS IN AMERICAN COUNTRIES WHO MAY USE REMOTE SENSING TECHNIQUES IN EPIDEMIOLOGICAL SURVEILLANCE IN THEIR COUNTRIES.

CHARACTERISTICS OF THE EVENT: ABOUT 100 PARTICIPANTS WILL ATTEND, INCLUDING GOVERNMENT OFFICIALS, SPEAKERS AND STUDENTS. THERE WILL BE CONFERENCES, PANELS AND BREAK OUT GROUPS FOR THE DISCUSSION OF SCIENTIFIC, ADMINISTRATIVE AND INSTITUTIONAL ASPECTS OF THE APPLICATIONS OF REMOTE SENSING IN EPIDEMIOLOGY.

THEMES FOR THE WORKING GROUPS:

- DATA NEEDS, TOOLS AND RESOURCES;
- SUB-REGIONAL EPIDEMIOLOGICAL PROFILES AND INSTITUTIONAL NETWORKS.

LANGUAGES: THERE WILL BE SIMULTANEOUS TRANSLATION (ENGLISH, PORTUGUESE, SPANISH) IN THE PLENARY SESSIONS. ENGLISH WILL BE ADOPTED FOR THE WORKING GROUPS.

WEDNESDAY - 11/19/2003

08:30 - 09:00 – OPENING REMARKS

FIOCRUZ

UNITED STATES

DEPARTMENT OF
STATE

BRAZILIAN MINISTRY OF
HEALTH

IAI

PAHO

INMET

CENSIPAM



09:00 - 10:00 – CONFERENCE:

“REMOTE SENSING FOR LAND COVER STUDIES”

SPEAKER: DR. TATIANA KUPLICH (INPE – BRAZIL)

10:00 - 10:15 – COFFEE BREAK

10:15 - 11:15 – CONFERENCE:

“METEOROLOGICAL SATELLITES AND PRODUCTS RETRIEVALS”

SPEAKER: DR. MARCELO DE PAULA CORRÊA (INPE/CPTEC – BRAZIL)

11:15 - 12:15 – CONFERENCE:

“LANDSCAPE EPIDEMIOLOGY OF INFECTIOUS DISEASES”

SPEAKER: DR. ULISSES CONFALONIERI (FIOCRUZ-BRAZIL)

12:15 - 14:00 – LUNCH

14:00 - 16:00 – PANEL:

“ACCESS TO SATELLITE PRODUCTS ”

SPEAKERS: DR. GILBERTO VICENTE (NASA - GSFC)

DR. BRYAN BAILEY (USGS - EROS)

DR. JANIO KONO (INPE - CBERS)

16:00 - 16:15 – COFFEE BREAK

16:15 - 17:15 – CONFERENCE:

“INTEGRATION OF FIELD SAMPLING AND SATELLITE IMAGERY TO IMPROVE RISK ANALYSIS”

SPEAKER: DR. GREGORY GLASS (J. HOPKINS UNIVERSITY, USA)

17:15 - 18:15 – CONFERENCE:

“MALARIA IN SPACE AND THROUGH TIME: GENERIC APPROACHES OF RS AND GIS TO INFECTIOUS DISEASE EPIDEMIOLOGY”

SPEAKER: DR. SIMON HAY (OXFORD UNIVERSITY, UK)



THURSDAY - 11/20/2003

08:30 - 09:30 – CONFERENCE:

“CLIMATE AND ENVIRONMENTAL MONITORING APPLICATIONS IN EPIDEMIOLOGICAL EARLY WARNING”

SPEAKER: DR. STEVE CONNOR (IRI, COLUMBIA UNIVERSITY, USA)

PROGRAMME

09:30 - 10:30 – CONFERENCE:

“REMOTE SENSING, CLIMATE AND ENVIRONMENTAL RISK OF SCHISTOSOMIASIS IN BRAZIL”

SPEAKER: DR. JOHN B. MALONE (LOUISIANA STATE UNIVERSITY, USA)

10:30 - 11:00 – COFFEE BREAK

11:00 - 13:00 – BREAK OUT GROUPS

THEME: “DATA NEEDS, TOOLS AND RESOURCES”

13:00 - 14:30 – LUNCH

14:30 - 15:30 – BREAK OUT GROUPS CONTINUE

15:30 - 16:00 – COFFEE BREAK

16:00 - 18:00 – PLENARY:
GROUP REPORTS AND DISCUSSION

19:00 – RECEPTION



FRIDAY - 11/21/2003

08:30 - 09:30 – CONFERENCE:

“APPLICATIONS OF REMOTE SENSING IMAGERY TO STUDY THE EPIDEMIOLOGY OF VISCERAL LEISHMANIASIS IN TERESINA, BRAZIL”.

SPEAKER: DR. GUILHERME WERNECK (UERJ - BRAZIL)

09:30 - 10:30 – CONFERENCE:

“APPLICATION OF FINE RESOLUTION SATELLITE DATA TO SPATIAL ANALYSIS AND CONTROL OF INFECTIOUS DISEASES: CHAGAS DISEASE IN ARGENTINA AND SCHISTOSOMIASIS IN KENYA.”

SPEAKER: DR. URIEL KITRON (UNIVERSITY OF ILLINOIS, USA)

10:30 - 11:00 – COFFEE BREAK

11:00 - 13:00 – BREAK OUT GROUPS

THEME: “SUB-REGIONAL EPIDEMIOLOGICAL PROFILES AND INSTITUTIONAL NETWORKS”

13:00 - 14:30 – LUNCH

14:30 - 15:30 – BREAK OUT GROUPS CONTINUE

15:30 - 16:00 – COFFEE BREAK

16:00 - 18:00 – PLENARY:
GROUP REPORTS AND DISCUSSION

18:00 - 18:30 – CLOSING REMARKS