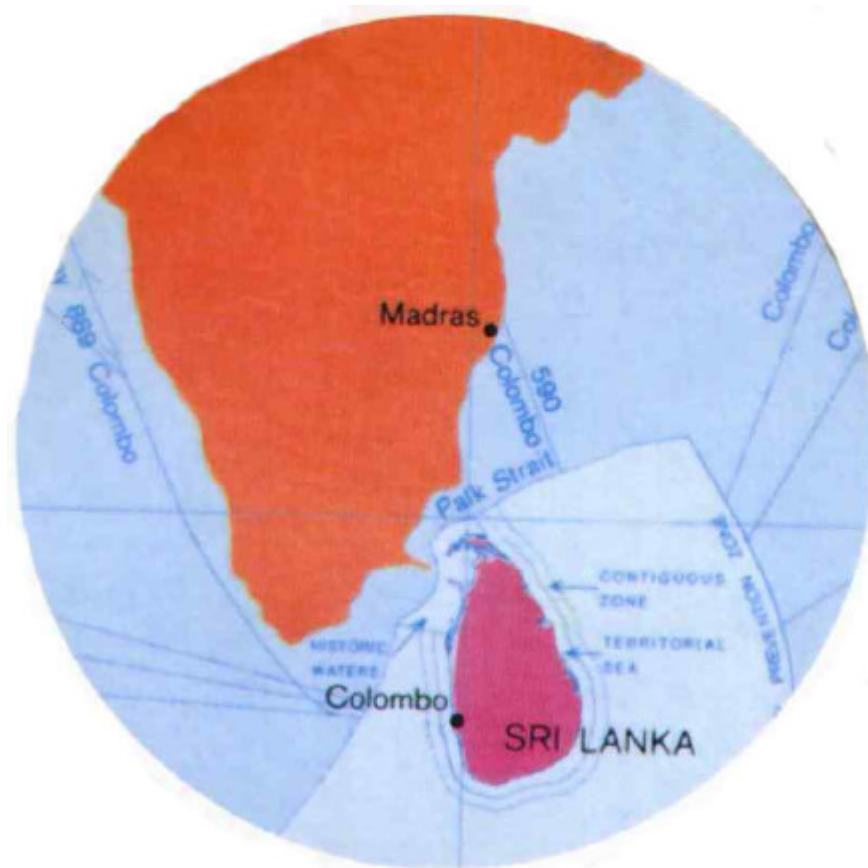
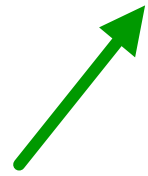


**NATIONAL ARRANGEMENTS FOR THE PHASE II IMPLEMENTATION
MALE' DECLARATION
SRI LANKA**



by

Anura Jayathilake
&
C.K.Amaratunga



SOUTH- WEST (MAY-SEP)



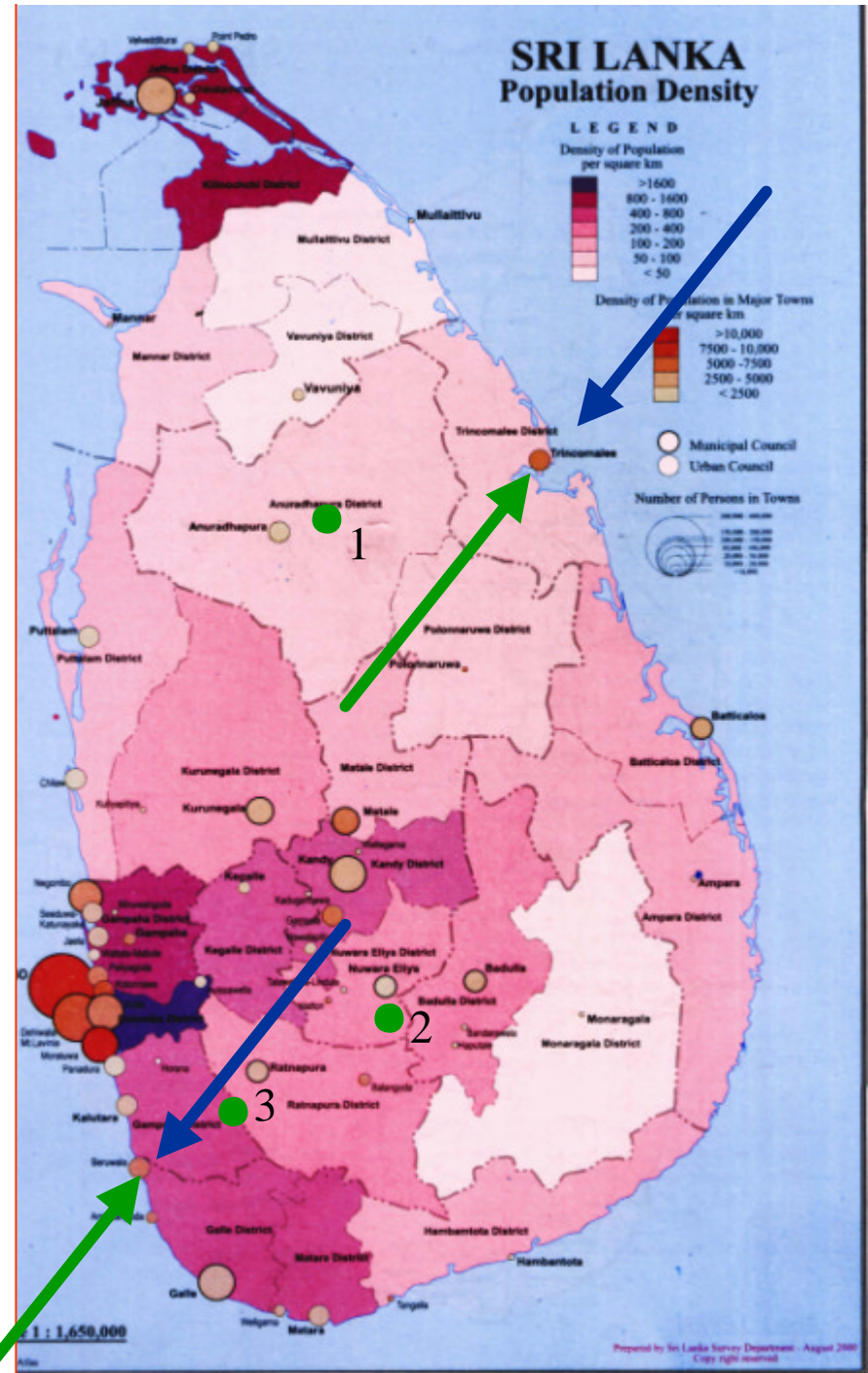
NORTH-EAST (DEC- FEB)

SITE 1- GALENBINDUNUWEWA



SITE 2- HORTAN PLAINS

SITE 3- SINGHARAJA RESERVE



JUSTIFICATION OF THE SITE SELECTION

- SITE 1
- TO COVER THE N-E MONSOON
 - MOTORABILITY
 - POSSIBILOITY OF USING MET DATA FROM ANURADHAPURA MET STATION
 - LOW POPULATION DENSITY
 - TO AVOID THE EFFECTS OF POTENTIAL FUTURE DEVELOPMENTS IN TRNCOMALEE
 - FLAT TERRAIN
- SITE 2
- TO COVER BOTH THE SEASONS
 - PREVIOUS RECORDS ABOUT ACID DEPOSITION
 - MOTORABILITY
 - WILD LIFE SANCTUARY(low human activities) AND TYPICAL ECOLOGY(misty grass/forest land at higher elevation)

- SITE 3 ➤ TO COVER THE S-W MONSOON
- WORLD HERITAGE SITE
- MAN AND BIOSPHERE FOREST RESERVE
- MOTORABILITY

MONITORING PARAMETERS

- SITE 1 ➤ PM 10
- WET & DRY DEPOSITION
- LYMNOCYTOLOGY & SOIL CHARACTERISTICS DEPENDING ON THE AVAILABILITY OF FUNDS
- SITE 2 ➤ WET DEPOSITION ONLY
- SITE 3 ➤ WET DEPOSITION ONLY

ANALYSIS

WET & DRY DEPOSITION

WE INTENDED TO DO THE ANALYSIS AT PERADENIYA UNIVERSITY IN CONSULTATION WITH PROF. ILEPERUMA, BUT CAME TO KNOW RECENTLY THAT THE IC AT PERA UNIVERSITY IS OUT OF ORDER. THERE IS NO OTHER INSTITUTION/AGENCY CAPABLE OF CARRYING OUT THE ANALYSIS AT THE PRESENT TIME IN SRI LANKA.

HOWEVER, WE , THE CEA LABORATORY WILL BE EQUIPPED WITH AN IC BEFORE THE END OF THE YEAR.

AAS AT CEA WILL BE USED FOR THE DETERMINATION OF CATIONS.

LYMNOLOGY

CEA WILL CARRY OUT THIS ACTIVITY IN COLLABORATION WITH PROF. Mrs.SVARNA PIYASIRI, DEPT OF ZOOLOGY, SRI JAYAWARDANEPURA UNIVERSITY DEPENDING ON THE AVAILABILITY OF FUNDS.

SOIL

CEA WILL CARRY OUT THIS ACTIVITY IN COLLABORATION WITH A SUITABLE LABORATORY SUCH AS RUBBER RESEACH INSTITUTE LAB, INDUSTRIAL TECHNOLOGY INSTITUTE LAB ETC. DEPENDING ON THE AVAILABILITY OF FUNDS.

HOWEVER, IT IS INTENDED TO DO THE SAMPLING ONLY ONE TIME TO BE KEPT AS BASELINE DATA COLLECTION.

MONITORING STATION

WE INTEND TO USE A CONTAINER TYPE SHELTER FOR THE MONITORING STATION INSTEAD OF A CONCREATE STRUCTURE BECAUSE IT IS NOT ALLOWED TO BUILD UP PERMENANET STRUCTURES AT SOME LOCATIONS SUCH AS SANCTUARIES, RESERVED FORESTS ETC.

CONTAINER TYPE SHELTER IS COSTLY.