

Participants Name**Designation**

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|------------------------------|--------------------------------------|
| 1. Dr. Arun Shrestha | Hydrologist Engineer, DHM |
| 2. Mr. Basanta Shrestha | Head, MENRIS, ICIMOD. |
| 3. Ms. Bidya Banmali Pradhan | Environment Officer, MENRIS, ICIMOD. |
| 4. Dr. Craig Corrigan | ABC Scientist |
| 5. Mr. Hung Nguyen | ABC – Secretary |
| 6. Dr. Ram Prasad Regmi | Lecturer, Purbanchal University |
| 7. Prof. Ramanathan V. | Co-Chief Scientist ABC, SIO, UCSD |
| 8. Mr. Rupak Rajbhandari | Reader, Tribhuvan University |
| 9. Dr. Venkata Ramana M. | ABC Scientist |

Meeting Highlights:

- Reconnaissance survey to find the best possible sites for installing the equipments for the ABC programme was made on 5th –6th February 2004. The name and institution of the site selection team members are given in Attachment 1.
- The visited sites by the team members are given in Attachment 2.
- The team members decided on the couple of potential sites to start off with the pilot scale project of ABC.
 1. ICIMOD, Godavari T&D site- Nephelometer, PSAP, Aethelometer, Filter samplers
 2. ICIMOD Head Quarter - LIDAR, Pyranometer, Suntracker, Pyrheliometer, Pyrgeometer etc.
- The potential sites but which needs to get further clearance from the HMG/N for installing the instruments were found at Phulchoki (2.9km) and Hattiban (1.9km).
- ICIMOD, DHM will work together to get the clearance.
- If the sites were not available then the other sites viz. Kakani and Daman would be further explored.
- The Southern side of the valley was chosen due to the wind direction, which is predominantly westerly during the wintertime and reverse during the summer. Thus, avoiding the local pollution from the valley.
- The proposal to launch the sonde from DHM on British collaboration will be forthcoming. Further appeal to WMO will be made together with DHM and ABC scientists to launch the sonde.
- Requirement Hattiban site
 - Electricity - 1KW
 - Land - 10m*10m
- University students will also be involved in the project.
- The Sonde were launched in Kathmandu during MONEX (around 1976 ??). Arun promised to investigate the inversion strength during the launch time.

Follow Up

- Contact Ministry of Forestry, MoPE for the area of 10m*10m for installing the aerosol equipment.
- Make enquiry (Military, NTC, NTV) for the arrangement to keep the aerosol measuring equipments.
- Sonde regarding British collaboration and appeal to WMO.

Abbreviations

ABC	: Atmospheric Brown Cloud
DHM	: Department of Hydrology and Meteorology
HMG /N	: His Majesty's Government, Nepal
ICIMOD	: International Centre for Integrated Mountain Development
MENRIS	: Mountain Environment and Natural Resources Information Systems
MoPE	: Ministry of Population and Environment
NTC	: Nepal Telecommunication
NTV	: Nepal Television
WMO	: World Meteorology Organization

Attachment 1

1. Dr. Arun Shrestha
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Attachment 2

Proposed Location for ABC Pilot Study

