



Third Strategic Phase (2010-2015)

LAUNCH OF THE APN'S 2011 CALLS FOR PROPOSALS UNDER:

- 1. THE ARCP PROGRAMME FOR REGIONAL GLOBAL CHANGE RESEARCH &**
- 2. THE CAPaBLE PROGRAMME FOR SCIENTIFIC CAPACITY DEVELOPMENT FOR FUNDING FROM APRIL 2012**

INTRODUCTION

Countries within the Asia-Pacific region support more than half of the world's population and changes in the Earth's bio-geophysical system are clearly impacting the societies and economies of these countries.

Recent research and supporting observations have provided new insights into some of these changes and their impacts but have, at the same time, opened up a number of new and challenging scientific issues and questions. APN seeks to identify these scientific issues to promote, as well as encourage, regional cooperative global change research.

The Asia-Pacific Network for Global Change Research (APN) is an inter-governmental network whose mission is to enable investigations of changes in the Earth's life support systems and their implications for sustainable development in the Asia-Pacific region. The APN, therefore, supports investigations that will:

1. Identify, explain and predict changes in the context of both natural and anthropogenic (human-induced) forcing;
2. Assess potential regional and global vulnerability of natural and human systems; and
3. Contribute, from the science perspective, to the development of policy options for appropriate responses to global change that will also contribute to sustainable development.

The core strategies of the APN are to:

1. Promote and encourage research that can improve understanding of global change and its implications for the region and contribute to sound scientific basis for policy-formulation and decision-making; and
2. Identify and help address, in consultation with policy-makers and other end-users, present and future needs and emerging challenges.

The APN defines Global Change Research as "research regarding global change (the set of natural and human-induced processes in the Earth's physical, biological, and social systems that, when aggregated, are significant at a global scale) and its implications for sustainable development in the Asia-Pacific region."

APN's activities promote research that improves understanding of the physical, biological and human dimensions of change in Earth system and science that informs adaptation and mitigation decision-making in the following specific areas: Climate Change and Climate Variability; Ecosystems, Biodiversity and Land Use; Changes in the Atmospheric, Terrestrial and Marine Domains; and Resources Utilisation and Pathways. These themes are interrelated and involve the interface of natural, social and political sciences. Thus, APN will also support research on crosscutting issues, science-policy linkages and the human dimensions of global change.

THE CALLS FOR PROPOSALS

The APN is inviting proposals under two separate programmes, the [ARCP Programme](#) and the [CAPaBLE Programme](#), for funding **from April 2012**, and is able to provide a limited amount of financial support¹ for research and capacity development activities that fall within its areas of interest.

GENERAL INFORMATION ON NEW PROCEDURE FOR THE CALLS FOR PROPOSALS PROCESS

ADVISORY SERVICE (Voluntary)

A potential proponent can consult with the APN Secretariat, with a carbon copy to the [national Focal Point \(nFP\)](#) and to the [Scientific Planning Group \(SPG\) Member](#) from his/her country, by sending a **Letter of Intent** by **Friday 24th June 2011**. The APN Secretariat will respond back to the proponent, as appropriate, by **Friday 8th July 2011**.

PROPOSALS SUBMISSION AND REVIEW PROCESS

The proposals submission and review process consists of 3 main stages:

- Stage 1 – Submission and review of Summary Proposal (compulsory)
- Stage 2 – Submission and 2-step review process of Full Proposal (by invitation)
- Stage 3 – Final Decision-Making

Stage 1: Submission and Review of Summary Proposal (compulsory)

A proponent submits a **Summary Proposal** with carbon copy to the nFP and to the SPG member from his/her country by **Friday 29th July 2011**. The Summary Proposals will undergo a screening process performed by the SPG Sub-Committee (SPG-SC), who will select proposals that will proceed to the next stage. This screening was introduced for the first time in 2007 to avoid wasting proponents' and reviewers' valuable time. All proponents are notified of the results of the preliminary screening by the first week in September, and only those proponents that pass Stage 1 will be asked to submit a Full Proposal for further consideration.

Stage 2: Submission and Review of Full Proposal (compulsory and by invitation)

This stage is by **invitation only**. Successful proponents from Stage 1 are invited to submit their **Full Proposals** to the APN Secretariat by **Friday 7th October 2011**.

Two-Step Review process

Review by APN internal reviewers (SPG members) and external reviewers. Proponents above the set cut-off line respond to the questions and comments of the APN internal reviewers, and unsuccessful proponents are informed of the results of the first review (**Step 1 Review: October– December 2011**). SPG members submit revised ratings based on responses of the proponents at Step 1 Review (**Step 2 Review: January 2012**).

Stage 3: Final Decision-Making

The APN's 17th Inter-governmental Meeting (IGM) approves which proposals to fund, following recommendations from the SPG (**late March 2012**). The Secretariat informs proponents of the final decision in April 2012.

¹ The average grant awarded for 2011 projects (for a 12-month period) was approximately US\$45,000 for ARCP research projects and US\$40,000 for CAPaBLE projects

OUTLINE OF ELIGIBILITY AND GUIDELINES FOR APPLICATION

1. Activities of Interest to the APN for its ARCP and CAPaBLE Calls for Proposals:

The APN is prepared to support activities in the area of global change as relevant to APN's thematic areas and relating to:

The ARCP Programme

1. New research which addresses knowledge gaps in key areas
2. Synthesis and analysis of existing research
3. Research planning/scoping activities
4. The development of policy products such as integrated assessments, impact assessments, climate models, etc.

The CAPaBLE Programme

1. Scientific capacity development
2. Science-policy interfacing
3. Awareness raising activities
4. Dissemination activities

2. Items Not Supported by the APN

The APN will **not** support:

- a. The running costs of institutions;
- b. The salaries of administration staff or researchers who receive or are to receive full-time salary support;
- c. The salaries of consultants (project leaders and collaborators should have the expertise to conduct the activities); and
- d. The maintenance of long-term observation and monitoring systems.

3. The APN Science Agenda

APN's activities promote research that improves understanding of the physical, biological and human dimensions of change in the Earth system and science that informs adaptation and mitigation decision-making in the following specific areas:

- a. Climate Change and Climate Variability;
- b. Ecosystems, Biodiversity and Land Use;
- c. Changes in the Atmospheric, Terrestrial and Marine Domains; and
- d. Resources Utilisation and Pathways for Sustainable Development

The above themes are interrelated and involve the interface of natural, social and political sciences. Thus, APN will also support research on crosscutting issues, science-policy linkages and the human dimensions of global change.

4. Deadlines

- Advisory Service (Voluntary). Submission of [Letter of Intent](#): **Friday, 24th June 2011, midnight (24:00) – Japanese Standard Time**
- Stage 1. Submission of [Summary Proposal](#) (Compulsory): **Friday, 29th July 2011, midnight (24:00) – Japanese Standard Time**
- Stage 2. Submission of [Full Proposal](#) by the Successful Stage 1 Proponents (**Compulsory and by Invitation Only**): **Friday 7th October 2011, midnight (24:00) – Japanese Standard Time**

5. Format of Letter of Intent and Proposals and Further Information

Guidance on the format of Letter of Intent, Stage 1 Summary Proposal, and Stage 2 Full Proposal is set out in separate guidelines for the ARCP and CAPaBLE programmes: the "[APN's 2011 Calls for Proposals Advisory Service](#)", the "[2011 ARCP - Guide for Proponents](#)", and the "[2011 CAPaBLE – Guide for Proponents](#)"; which give detailed explanations of the advisory service, the two separate calls for proposals, and the criteria against which proposals are judged.

PLEASE BE SURE TO USE THE APN'S THIRD STRATEGIC PLAN AND THE NEW UPDATED GUIDE THAT REFLECTS THE APN'S SCIENCE AGENDA FOR ITS THIRD PHASE.

For further information on the 2011 Calls for Proposals, please contact:

Dr. Linda Stevenson
Executive Science Officer
APN Secretariat, East Building 4F
1-5-2 Wakinoama Kaigan Dori, Chuo-Ku
Kobe 651-0073, JAPAN
Tel: +81-78-230-8017
Fax: +81-78-230-8018
Email: l Stevenson@apn-gcr.org

Ms. Ratisya Radzi
Programme Fellow
APN Secretariat, East Building 4F
1-5-2 Wakinoama Kaigan Dori, Chuo-Ku
Kobe 651-0073, JAPAN
Tel: +81-78-230-8017
Fax: +81-78-230-8018
Email: arradzi@apn-gcr.org

You may also contact the **national Focal Point (nFP)** and **Scientific Planning Group (SPG)** member of your country for inquiries. Their contact information is available below, or you may visit the Structure section of the APN website (<http://www.apn-gcr.org/newAPN/aboutAPN/structure.htm>).

APN national Focal Points

AUSTRALIA

- nomination in progress -

BANGLADESH

Mr. A.N.Shamsuddin Azad Chowdhury
Joint Secretary Administration
Ministry of Environment and Forests
Building #6, Room #1307 (13th Floor)
Bangladesh Secretariat
Dhaka-1000
BANGLADESH
Tel:+88-02- 7167240
Fax:+88-02-7169210
Email: jsadmin@moef.gov.bd

BHUTAN

Mr. G. Karma Chhopel
Head, Water Resources, National Environment
Commission
P.O BOX 466, Thimphu, BHUTAN
Tel: + 975-2-323384
Fax: +975-2-323385
Email: gkchhopel@hotmail.com

CAMBODIA

Mr. Sundara SEM
Director
Department of ASEAN and International
Cooperation Department
Ministry of Environment, Kingdom of Cambodia
#44, Samdech Preah Sihanouk Blvd.
Chamkar Morn, Phnom Penh
P.O. Box 2643, PP3
CAMBODIA
Tel: +855-23-213-908
Fax: +885-23-212-540
Email: semsundara@yahoo.com;
moe_dic@yahoo.com

CHINA

Mr. Sun CHENGYONG
Deputy Director General
Department of Social Development
Ministry of Science and Technology
Fuxing Road 15 B, Beijing 100862, CHINA
Tel: +86 10 58881437
Fax: +86 10 58881471
Email: suncy@most.cn

FIJI

-nomination in progress -

INDIA**Dr. Subodh SHARMA**

Director
Ministry of Environment and Forests
Government of India
Room 564, CGO Complex, Lodi Road
New Delhi 110003

INDIA

Tel: +91-11-2436-0861

Fax: +91-11-2436-0861

Email: subodh.kumar@nic.in;

subodh14@yahoo.com

INDONESIA**Ms. Liana BRATASIDA**

Assistant Minister for Global Environmental
Affairs
& International Cooperation
Ministry of Environment
Jl. D.I. Panjaitan kav 24, Kebon Nanas
Jakarta 13410

INDONESIA

Tel: +62-21-8580112

Fax: +62-21-8580112

Email: dokie@cbn.net.id; lb@menlh.go.id

JAPAN**Mr. Yutaka MATSUZAWA**

Director
Office for Global Environment Research
Ministry of the Environment
1-2-2 Kasumigaseki, Chiyoda-ku,
Tokyo 100-8975, JAPAN

Tel: +81-3-5521-8247

Fax: +81-3-3581-4815

Email: yutaka_matsuzawa@env.go.jp

LAO PEOPLE'S DEMOCRATIC REPUBLIC**Dr. Bountanh BOUNVILAY**

Deputy Director General
Water Resources and Environment Research
Institute

P.O. Box 2270, Vientiane

LAO PEOPLE'S DEMOCRATIC REPUBLIC

Tel: +856-21-219003

Fax: +856-21-263799

Email: boun28@yahoo.com

MALAYSIA**Dr. Yap Kok SENG**

Director-General
Malaysian Meteorological Service
Jalan Sultan
46667 Petaling Jaya
Selangor

MALAYSIA

Tel: +60-3-7967-8001

Fax: +60-3-7955-0964

Email: yks@met.gov.my

MONGOLIA**Mr. Bayarbat DASHZEVEG**

Secretary for National Committee to Combat
Desertification

Ministry of Nature and Environment of
Mongolia

Government Building #3

Baga Toiruu-44

Ulaanbaatar-11

MONGOLIA

Tel: +976-11-264616

Fax: +976-11-321401

Email: bayarbt@yahoo.com

NEPAL**Ms. Meena KHANAL**

Joint Secretary, Chief of Environment Division
Ministry of Environment, Science and
Technology

Singha Durbar, Kathmandu

NEPAL

Tel: +977-1-4225596

Fax: +977-1-4225474

Email: meenakhanal@most.gov.np;

meenakhanal@hotmail.com

NEW ZEALAND**Dr. W. Andrew MATTHEWS**

Commissioner
New Zealand National Commission for UNESCO

13 Kabul Street, Wellington 6035

NEW ZEALAND

Tel: +64 -4-9761741

Fax: +64 -4-9721741

Email: wa.matthews@gmail.com

PAKISTAN**Mr. Syed Mujtaba HUSSAIN**

Deputy Secretary (Climate Change),
Ministry of Environment,
Local Government Complex, G-5/2
Islamabad, PAKISTAN
Tel: +92-51-924-5537;
Fax: +92-51-924-5533
Email: hussainmujtaba@hotmail.com

PHILIPPINES**Mr. Eriberto ARGETE**

Director
Planning and Policy Studies Office
Department of Environment and Natural
Resources, Visayas Ave. Diliman
Quezon City 1101
PHILIPPINES
Tel: +63-2-925-1184
Fax: +63-2-925-1184
Email: jingwins@yahoo.com;
mmcunanan@yahoo.com

REPUBLIC OF KOREA**Mr. Suho SEONG**

Director
Global Environmental Office
Ministry of Environment
Government Complex
Gwacheon 1, Joongang-dong
Gwacheon-si, Kyunggi-do
REPUBLIC OF KOREA, 427-729
Tel: +82-2-2110-6557
Fax: +82-2-504-9206
Email: seongsh@korea.kr

RUSSIAN FEDERATION**Dr. Andrey ADRIANOV**

Institute of Marine Biology
Far East Branch, Russian Academy of Sciences
Palchevsky Street, 17 Vladivostok 690041
RUSSIAN FEDERATION
Email: inmarbio@mail.primorye.ru

SRI LANKA**Dr. R.H.S. SAMARATUNGA**

Secretary
Ministry of Environment
82, Sampathpaya, Rajamalwatta Road
Battaramulla, SRI LANKA
Tel: +94-11-2877290
Fax: +94-11-2877292
Email: secoffice@menr.lk

THAILAND**Mr. Chote TRACHU**

Permanent Secretary
Ministry of Natural Resources and Environment
92, Soi Phahon Yhotin 7
Phajon Yhotin Road
Bangkok, 10400
THAILAND
Tel: +66-2-278-8544; Fax: +66-2-278-8545
Email: chote.t@mnre.mail.go.th

UNITED STATES OF AMERICA**Mr. Louis BROWN**

-nomination in progress-

VIET NAM**Mr. Xuan Bao Tam NGUYEN**

Deputy Director General
International Cooperation Department
Ministry of Natural Resources and Environment
83 Nguyen Chi Thanh
Hanoi
VIET NAM
Tel: +84-4-7734263
Fax: +84-4-8352191
Email: baotam@monre.gov.vn

APN Scientific Planning Group Members

AUSTRALIA

-nomination in progress-

BANGLADESH

Prof. Giashuddin MIAH

Professor

Dept. of Agroforestry and Environment

Bangabandh Sheikh Mujibur Rahman

Agricultural University (BSMRAU)

Gazipur 1706

BANGLADESH

Tel: +880-1715-401443

Fax: +880-2-9205333

Email: giashbd@hotmail.com;

giash1960@gmail.com

BHUTAN

Ms. Peldon Tshering

Head

Policy Coordination Services

National Environment Commission

P.O BOX 466, Thimphu, BHUTAN

Tel: + 975-2-323384

Fax: +975-2-323385

Email: Peldon@nec.gov.bt

CAMBODIA

Mr. Khieu HOURT

Senior Management Officer

Ministry of Agriculture, Forestry and Fisheries

4th Floor Room 406

#364, Preah Monivong Boulevard,

Phnom Penh

CAMBODIA

Tel: +855-23-220897

Fax: +855-23-220897

Email: hourt-2010@hotmail.com

hourtkhieu@hotmail.com

CHINA

Dr. Wenjie DONG

Executive Associate Dean

State Key Laboratory of Earth Surface Processes

and Resource Ecology, College of Global Change

and Earth System Science

19 Xijiekou Wai Street, Beijing 100081

CHINA

Tel: +86-10-68408784

Fax: +86-10-62176804

Email: dongwj@bnu.edu.cn

FIJI

Mr. Rajendra PRASAD

-nomination in progress-

INDIA

Prof. B.N. GOSWAMI

Director

Indian Institute of Tropical Meteorology

Dr. Homi Bhabha Rd., Pashan

Pune 411008

INDIA

Tel: +91 (020) 25893924

Fax: + 91 (020) 25893825

Email: goswami@tropmet.res.in

INDONESIA

Dr. Erna Sri ADININGSIH

Director

Aeronautics Analysis and Information Center

The Indonesian National Institute of Aeronautics
and Space (LAPAN)

Jl. Cisadane no. 25, Cikini, Jakarta, 10330

INDONESIA

Tel: +62-21-319-27982

Fax: +62-21-319-22633

Email: ernasri@lapan.go.id;

erna.sri@yahoo.com

JAPAN

Dr. Kensuke FUKUSHI

Associate Professor

Integrated Research System for Sustainability

Science (IR3S) and Department of Urban

Engineering, The University of Tokyo

7-3-1 Hongo, Bunkyo-Ku, Tokyo, 113-8654

JAPAN

Tel: +81-3-5841-1542

Fax: +81-3-5841-1543

Email: fukushi@ir3s.u-tokyo.ac.jp

LAO PEOPLE'S DEMOCRATIC REPUBLIC

Mr. Oulaphone ONGKEO

Deputy Chief of Division

Water Resources and Environment Research

Institute, Prime Minister's Office

P.O. Box 2270, Vientiane

LAO P.D.R.

Tel: +856-21-219003

Fax: +856-21-263799

Email: kho-doi@yahoo.com;

oulaphone75@yahoo.com;
OULAPHONE@wrea.gov.la

MALAYSIA

Dr. Subramaniam MOTEN

Director
Malaysian Meteorological Department
Jalan Sultan, 46667 Petaling Jaya
Selangor, Malaysia
Tel : 603-87872360
Fax : 603-87871019
Email: subra@met.gov.my

MONGOLIA

Dr. Tsogtbaatar JAMSRAN

Director
Institute of Geocology
Mongolian Academy of Sciences
Baruun Selbe-15, Chingeltei District
Ulaanbaatar 211238
MONGOLIA
Tel: +976-9118203
Fax: +976-11-321862
Email: tsogtbaatarj@magicnet.mn;
geoeco@magicnet.mn

NEPAL

Dr. Madan Lall SHRESTHA

Academician
Nepal Academy of Science and Technology
P.O. Box 19444
Kathmandu
NEPAL
Tel: +977-1-4241403
Fax: +977-1-4262348
Email: madanls@hotmail.com;
malashre@gmail.com

NEW ZEALAND

Dr. W. Andrew MATTHEWS

Commissioner
New Zealand National Commission for UNESCO
13 Kabul Street, Wellington 6035
NEW ZEALAND
Tel: +64 -4-9761741
Fax: +64 -4-9721741
Email: wa.matthews@gmail.com

PAKISTAN

Dr. Amir MUHAMMED

Rector
National University of Computer and Emerging
Sciences
FAST House, Rohtas Road
G-9/4, Islamabad 44600
PAKISTAN
Tel: +92-51-285-5032/-5072/-5074
Fax: +92-51-2855070
Email: amir.muhammed@nu.edu.pk;
amir.muhammed@gmail.com

PHILIPPINES

Mr. Marcial AMARO, Jr.

Director
Ecosystems Research & Development Bureau
(ERDB)
College, Los Baños, Laguna 4031
PHILIPPINES
Tel: +63-49-536-3628
Fax: +63-49-536-2850
Email: erdb@denr.gov.ph

REPUBLIC OF KOREA

Dr. Chang-keun SONG

Senior Researcher
Global Environment Research Center (GERC)
National Institute of Environmental Research
Environmental Research Complex
Kyungseo-dong, Seo-gu, Incheon, 404-708
REPUBLIC OF KOREA
Tel: +82-32-560-7910
Fax: +82-32-563-4102
Email: cksong@me.go.kr

RUSSIAN FEDERATION

Dr. Alexander STERIN

Deputy Director
Russian Research Institute for
Hydrometeorological Information
World Data Center (RIHMI-WDC)
6, Korolyov Street, Obninsk
Kaluga Region 249035
RUSSIAN FEDERATION
Tel: +7-495-255-2467
Fax: +7-495-255-2225
Email: sterin@meteo.ru

SRI LANKA**Mr. G.B. SAMARASINGHE**

Director General of Meteorology
Department of Meteorology
Bauddhaloka Mawatha, Colombo 07
SRI LANKA
Tel: +94-11-269-4104
Fax: +94-11-269-8311
Email: sbaladev_24@yahoo.com;
meteo1@sltnet.lk

THAILAND**Dr. Jariya BOONJAWAT**

Advisor, Atmospheric Group
Southeast Asia START Regional Center
Chulalongkorn University
Chulawich 1 Building 5th Floor
Henri Dunant Road
Bangkok, 10330
THAILAND
Tel: +66-2-218-9466
Fax: +66-2-251-9416
Email: jariya@start.or.th

UNITED STATES OF AMERICA

-nomination in progress-

VIET NAM**Dr. Kim Chi NGO**

Head
Research and Development Department on
Natural Resources Processing and
Environmental Protection
INPC
Vietnam Academy of Science and Technology
18 Hoang Quoc Viet
Cau gay district, Hanoi
VIET NAM
Tel: +84-4-37913731; Fax: +84-4-37564390
Email: chikimngo2@yahoo.com;
chikimngo2008@gmail.com

INVITED EXPERTS TO THE SPG**Centre for Global Sustainability Studies (CGSS)****Prof. Kanayathu KOSHY**

Professor
Centre for Global Sustainability Studies,
Univesiti Sains Malaysia
11800 USM, Penang
MALAYSIA
Tel: +60-4-653-7238
Fax: +60-4-659-1624
Email: kanayathu.koshy@gmail.com

**Southeast Asia Regional Committee for START
(SARCS)****Prof. Chao Han LIU**

Chairman
Southeast Asia START Regional Committee
No. 300, Jung-da Road
Jungli, Taoyuan 320, CHINESE TAIPEI
Tel; +886-3-422-8885
Fax: +886-3-422-8884
Email: chliu@cc.ncu.edu.tw

MAIRS**Dr. AILIKUN**

Director
International Program Office of Monsoon Asia
Integrated Regional Study (MAIRS)
c/o Institute of Atmospheric Physics
Chinese Academy of Sciences
P.O.Box 9804, Beijing 100029
CHINA
Tel: +86-10-82995264 ;
Fax: +86-10-82995161
Email: aili@mairs-essp.org

**Australian National University Climate Change
Institute****Dr. Lance Clive HEATH**

Project and Business Development Manager
Australian National University Climate Change
Institute
C/O Coombs Building, Fellows Road
ANU, Canberra, ACTON, ACT 0200

AUSTRALIA
Tel: +61-2-61254672
Fax: +61-2-62571893
Email: lance.heath@anu.edu.au

TEACOM
Prof. Congbin FU
Director, TEACOM

c/o Institute of Atmospheric Physics
Chinese Academy of Sciences
Beijing, 100029
CHINA
Tel: +86-10-6204-1317
Fax: +86-10-6204-5230
Email: fcb@tea.ac.cn

INVITED CAPACITY BUILDING EXPERTS

EAST-WEST CENTER
Prof. Roland FUCHS
Senior Fellow, East West Center
1601 East-West Center Road, Honolulu
Hawaii 9684-1601
UNITED STATES OF AMERICA
Tel: +1-808-944-7518
Fax: +1-808-944-7339
Email: FuchsR@EastWestCenter.org

INDIANA UNIVERSITY
Dr. Harini NAGENDRA
Asia Research Coordinator
Center for the Study of Institutions, Population,
and Environmental Change (CIPEC)
Indiana University
408 N. Indiana Avenue, Bloomington, IN
47408-3742
UNITED STATES OF AMERICA
Tel: +1-812-856-3102
Fax: +1-812-855-2634
Email: nagendra@indiana.edu

UNITED NATIONS UNIVERSITY
Dr. Srikantha HERATH
Senior Academic Programme Officer
Institute for Sustainability and Peace
United Nations University, 5-53-70, Jingumae
Shibuya-ku, Tokyo 150-8952
JAPAN
Tel: +81-3-5467-1212
Fax: +81-3-3499-2828
Email: herath@hq.unu.edu

Dr. W. Andrew MATTHEWS
Commissioner
New Zealand National Commission for UNESCO
13 Kabul Street, Wellington 6035
NEW ZEALAND
Tel: +64 -4-9761741
Fax: +64 -4-9721741
Email: wa.matthews@gmail.com