



# Launch of the COSATT Recommendations on “Energy & Environmental Security: A Cooperative Approach in South Asia”

11<sup>th</sup> November 2011 - Kandy, Sri Lanka.

Jointly organized by:

Regional Centre for Strategic Studies (RCSS), Colombo , Central Environmental Authority (CEA), Sri Lanka  
Institute of Peace and Conflict Studies (IPCS), New Delhi, Konrad Adenauer Stiftung (KAS), New Delhi

**Overview of the COSATT Recommendations  
on  
“Energy & Environmental Security:  
A Cooperative Approach in South Asia”**

**Chaminda Hettiarachchi**

**Associate Director – Regional Centre for Strategic Studies (RCSS)**

**11<sup>th</sup> Nov, 2011**

**Kandy, Sri Lanka**

# COSATT Project Meeting- Nepal



*COSATT Delegation in Kathmandu, January 2011*

# COSATT Project Meeting-Sri Lanka



*Participants of the COSATT- June 2011, Colombo, Sri Lanka*

Source: [www.ipcs.org](http://www.ipcs.org)

# COSATT Project Meeting-Maldives



Participants of the COSATT conference Male, Maldives. Oct. 2011

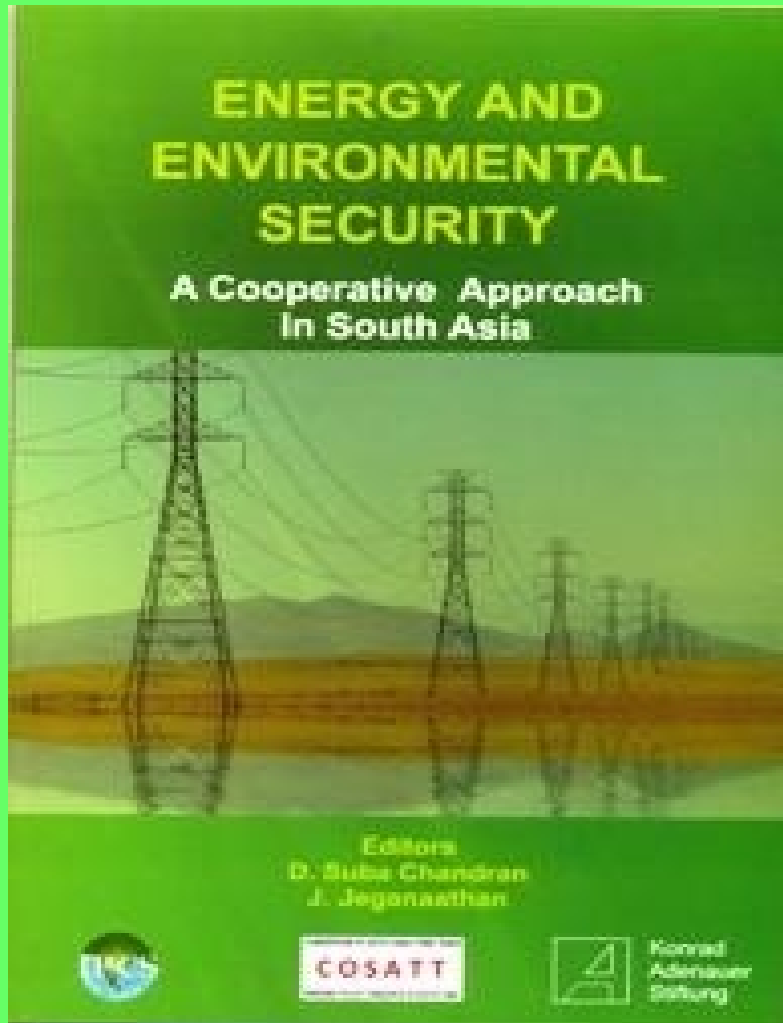
Source: [www.ipcs.org](http://www.ipcs.org)



Book Release of 'Energy and Environmental Security: A Cooperative Approach in South Asia' by **H E Dr Mohammad Waheed, Vice president of Maldives**, at the **Presidential Palace** on **12 October 2011** in **Male , Maldives**.



# Book on “Energy & Environmental Security: A Cooperative Approach in South Asia”



Edited by,  
**D Suba Chandran and  
J Jeganaathan**

Institute of Peace and Conflict  
Studies (IPCS)

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# Objectives of the Book

1. To **identify problems and issues** concerning energy and environment security in the region.
2. To **enhance common understanding of the issues** with the emphasis on shared responsibility.
3. To provide **concrete recommendations** to respective governments on various issues pertaining to energy and environment.

# Content of the Book

## PART- I

### ENERGY AND ENVIRONMENTAL SECURITY: COUNTRY PERSPECTIVES

1. **Bangladesh:** Mitigating Energy Insecurity and Environmental Vulnerability

Col. A K M Nazrul Islam

2. **Bhutan:** Behavioral Switch in an Age of Fragile Abundance

Tashi Choden

3. **India:** Building Energy and Environmental Linkages

Nitya Nanda

4. **Nepal:** Energy Woes and Environmental Concerns

Dr. Nishchal N. Pandey

5. **Pakistan:** Energy Insecurity and the Failure of Institutional Response

Arshad H Abbasi

6. **Sri Lanka:** Securing Energy and Environment in the post-conflict Era

Chaminda Hettiarachchi



# Content of the Book

## **PART- II**

### **ENERGY AND ENVIRONMENTAL SECURITY: TOWARDS REGIONAL COOPERATION**

#### **7. Regional Approach: Water as Cooperation**

Dr. D. Suba Chandran

#### **8. Towards a Gas Corridor in South Asia: Overcoming the Challenges**

Maj. Gen. ANM Muniruzzaman

#### **9. Environmental Security and Regional Cooperation: What is Feasible?**

Col. P.K. Gautam

# Energy and Environmental Security in South Asia

## A Sri Lankan Perspective

### Conclusions ( on Energy)

- Sri Lanka has made **significant achievements** in meeting country's energy needs.
- The country has one of the **highest percentages of electrification** in comparison to other South Asian countries and the country does not experience regular power cuts as commonly seen in some of other countries in the region.
- The Island nation has a **national grid with extensive coverage** and the most of the “off grid areas” are provided with alternative energy solutions.
- Sri Lanka has also initiated using **non-conventional renewable energy** to meet its energy demands.
- With all of the above achievements, **energy is still one of most challenging sectors** for policy makers in Sri Lanka.

# Energy and Environmental Security in South Asia

## A Sri Lankan Perspective

### Conclusions ( on Environment)

- **Environmental security** issue also presents a new challenge to Sri Lanka.
- Land degradation, deforestation, sea erosion, threatened bio-diversity, air and water pollution are some of the **major environmental challenges**.
- Sri Lanka has designed and developed **extensive policies and strategies** to overcome these concerns and address these issues.
- Sri Lanka has established **set of specialized institutions, introduced several Acts and Regulations** and developed relevant capacities and technical expertise to address these challenges.
- However, due to complexities and far reaching implications, the changes are slow to happen and hence **the next few years are crucial for developing a dynamic energy sector and ensuring environmental security in the country**.
- Therefore, innovative approaches towards introducing best practices in energy and environmental management are crucial **in making Sri Lanka a hub for environmentally friendly energy and the country as a model in South Asia for a green economy**.

# Selected Recommendations for Sri Lankan Energy and Environment Security

- **Propose Integrated Solutions to Energy problems**
  - Solutions to energy should not be limited to sector related solutions and should be integrated into nature **considering relevant sectors such as water, environment and economic development.**
- **Increase Renewable Component in the Energy Mix**
  - Renewable energy has been recognized by the government as a means of achieving long term stability of energy prices and a tool for income distribution. The high cost of initial investment, lack of proven technology and expertise are barriers of implementation. Therefore, concrete actions should be taken to increase the clean energy percentage in the energy mix by introducing **and encouraging renewable energy and incrementally decreasing petroleum usage and coal for energy production.**
- **Develop a National Information System (NIS) on Energy and Environment Resources**
  - One of the major problems the country faces is the lack of data and information on energy and environment. Therefore, a comprehensive NIS should be developed to **include data such as sources, consumption patterns over time, decisions made and forecasts.**
- **Educate the Public in Better Energy Management and Consumption Practices**
  - Public awareness campaigns and other communication strategies should be carried out with the aim of reaching defined targets. **In addition to traditional media, emerging web based technologies can be used for such a purpose.**

# **Regional Recommendations on Energy & Environmental Security: A Cooperative Approach in South Asia**

- 1. Integrated Energy Market in South Asia**
- 2. Regional Gas Corridor**
- 3. Integrated Water Strategy**
- 4. Ecosystem-Centric Approach**
- 5. Building Regional Electricity Grid**
- 6. Creating Regional Cooperative Mechanisms**
- 7. Signing of South Asian Energy Charter**
- 8. Solar and Wind Energy**

Thank You!