



## Shiro Chikamatsu

Director of Ecological Economic Solutions Sdn.Bhd.

### SUMMARY

My main area of expertise is natural resource and ecosystem management. Topics include Payment for Ecosystem Service (PES), Sustainable Consumption and Production (SCP), and climate change mitigation & adaptation.

I have over 10 years of experience in environmental research and consultancy including, development of carbon offset projects, analysis of environmental markets and regulations, advice on corporate/governmental climate change and biodiversity management strategies, and facilitation of sustainability capacity building. I have conducted numerous fieldworks, workshops, and assessments involving sustainability appraisal, ecosystem valuation, supply chain analysis, biomass survey, remote sensing, and carbon accounting.

### EDUCATION

#### Oct 2004 – Sep 2005

Imperial College London (U.K.)

MSc Environmental Technology (Option in Ecological Management)

#### Sep 2001 – May 2004

University of Manchester Institute of Science & Technology (U.K.)

BSc Biochemistry with Biotechnology

### WORK

#### Nov 2012 – Present

Company: Ecological Economic Solutions Sdn. Bhd. (Malaysia)

Job description: Environmental Research & Consultancy

Position: Director

#### Nov 2007 – Oct 2012

Company : Smart Energy Co., Ltd. (Japan)

Department : Strategic Investment

Job description: Environmental Research & Consultancy

Position: Senior Consultant

#### Jan 2006 – May 2006

Company : RIKEN (Japan)

Department: Genome Exploration Research Group

Job description : R&D on genetic SNP recognition system

Position: Researcher

### PROJECT

#### April 2016 – Present

Name: Palm Oil Sustainability Assessment

Country: Malaysia

Description: Conducted for palm oil companies in collaboration with U.K. consultancy firm. Environmental and social sustainability assessment of its suppliers including mill and plantations.

**May 2015 – Present**

Name: Supply Chain Sustainability Study

Country: Indonesia, Malaysia, Thailand

Description: Private Company Research. Study the existing situation of natural rubber traceability in comparison with other commodities such as palm oil.

**Jul 2015 – Feb 2018**

Name: NAP Process and Actions 2016 and Adaptation Workshop

Country: Cambodia, Bangladesh, Nepal, Bhutan, Thailand, Sri Lanka and Philippines.

Description: Case Studies of National Adaptation Planning (NAP) Processes and Adaptation Actions. Funded by Ministry of the Environment, Japan. In collaboration with Mitsubishi Research Institute (Head), and Asian Institute of Technology, Regional Resource Center for the Asia and Pacific.

**Jul 2016 – Sep 2016**

Name: Palm Oil Supply Chain Research

Country: Malaysia

Description: Research on Malaysian palm oil supply chain traceability including exports. Conducted for a Japanese NGO in collaboration with a Japanese consultancy firm.

**Nov 2015 – Jan 2016**

Name: Overseas case studies for Creating Social Value (CSV) project model and evaluation model development for the Japanese food industry.

Country: Indonesia

Description: Funded by the Ministry of Agriculture, Forestry and Fisheries, Japan. In collaboration with Mitsubishi Research Institute (head). Researched ongoing food sector CSV projects in Indonesia.

**Dec 2013 – Mar 2016**

Name: Partnership Building with Local Residents on Waste Management in Malaysia

Country: Malaysia

Description: Increase Kuala Lumpur resident's awareness of Municipal Solid Waste (MSW) management including recycling and waste reduction. Funded by Japan International Cooperation Agency (JICA). In collaboration with Clean Association of Tokyo 23 (CAT23, Head) and Malaysian Society of Waste Management and Environment (MSWME).

**Aug 2013 – Mar 2015**

Name: Improvement of REDD+ implementation using IC technology

Country: Indonesia

Description: Feasibility Study to implement REDD+ project in an Orangutan Release Site. Funded by Ministry of the Environment, Japan. In collaboration with Mitsubishi Research Institute (Head), NEC, and Borneo Orangutan Survival Foundation.

**Nov 2013 – Apr 2014**

Name: Sustainability Workshop for Women Entrepreneurs

Country: Malaysia

Description: Train National Association of Women Entrepreneurs of Malaysia (NAWEM) members for them to implement and monitor environmental and sustainability initiatives in their companies such as carbon offset, energy saving, and recycling.

**CERTIFICATION****Mar 2017**

Completed "HRDF Train the Trainer" Course.

**REFERENCE**

Japan Smart Energy (2011) *Basics and know-how of Emissions Trading Scheme (How - nual Business Guide Book) 2<sup>nd</sup> edition*, Shuwa System Publishing. (Available only in Japanese)

Smart Energy (2009) *Graphic illustration of carbon offset scheme*, Chuo Keizai Publishing. (Available only in Japanese)

Japan Smart Energy (2008) *Basics and know-how of Emissions Trading Scheme (How - nual Business Guide Book)*, Shuwa System Publishing. (Available only in Japanese)

Chikamatsu, S , Furtado, J I, Shen, L and Yan, M (2007) *Coping with pressure of modernization by traditional farmers: A strategy for sustainable rural development in Yunnan, China*. *Journal of Mountain Sciences* Vol4 No1, 57-70.