

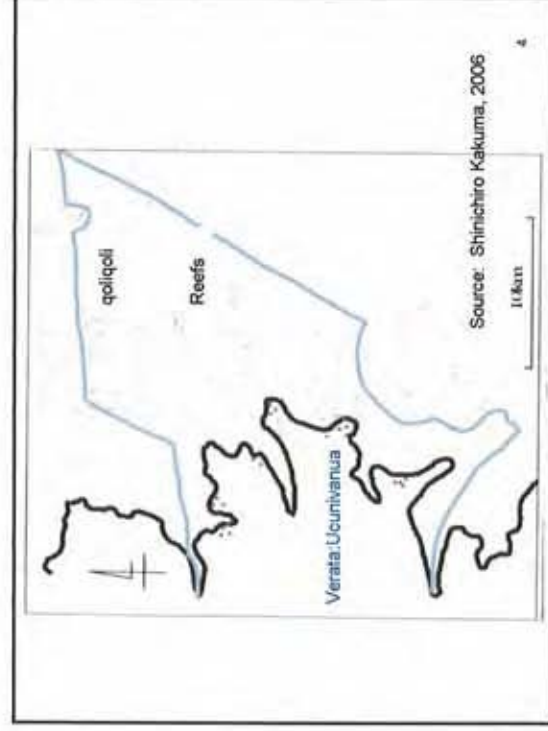
## Field-based Case Study in Fiji:

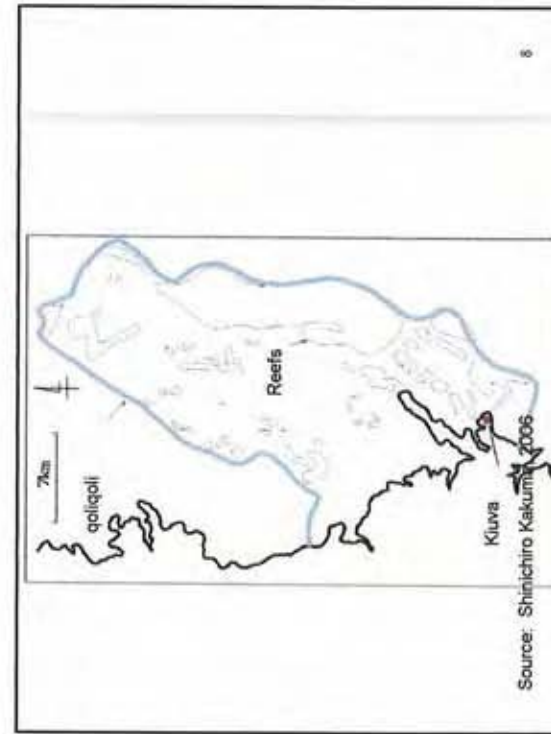
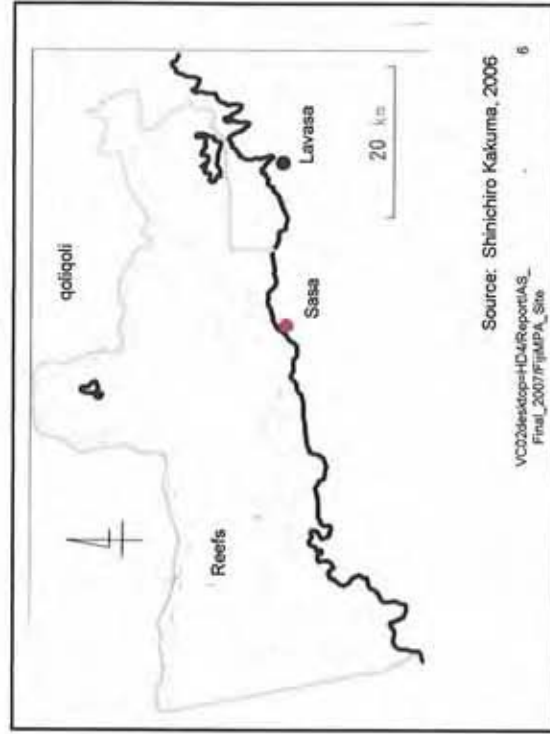
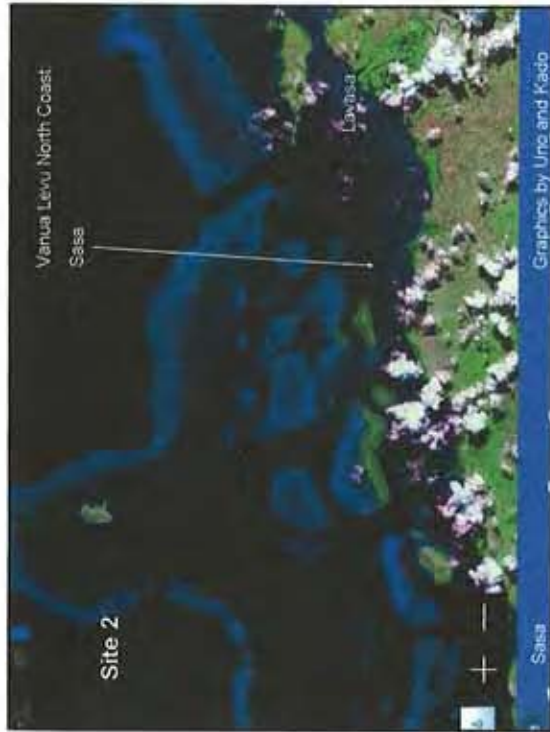
### Creation of Marine Protected Area (MPA) Site Information

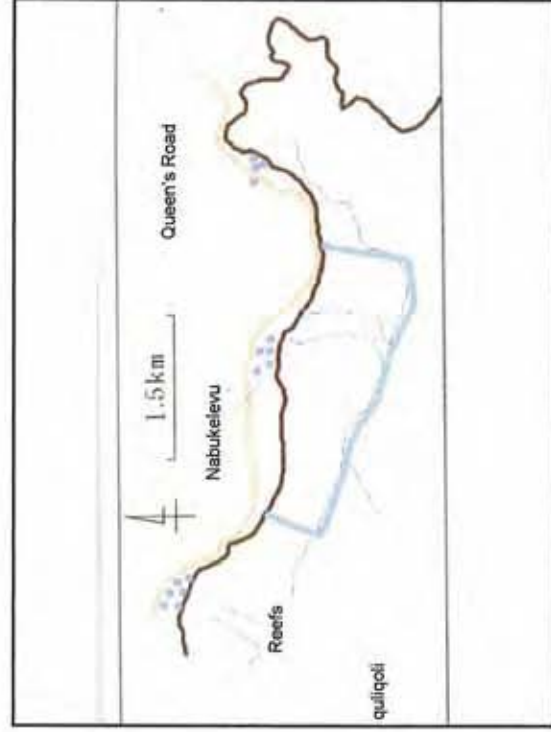
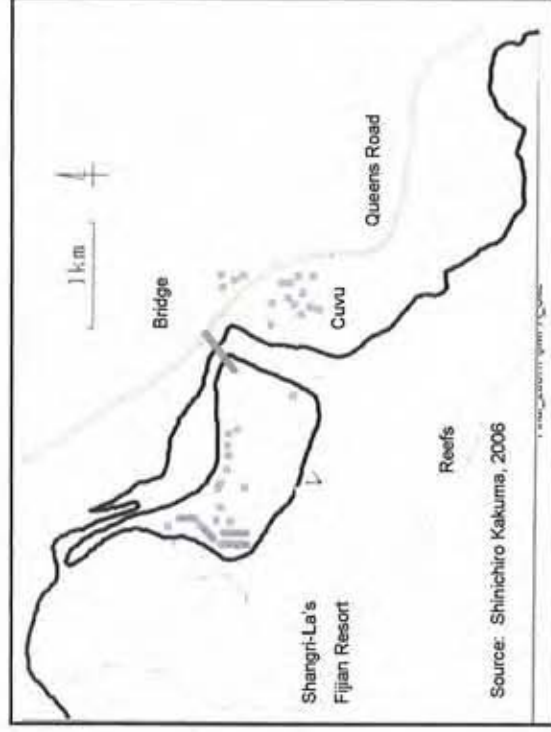
LEAD Asia Pacific Initiative (API)  
for Sustainable Development  
March 2007

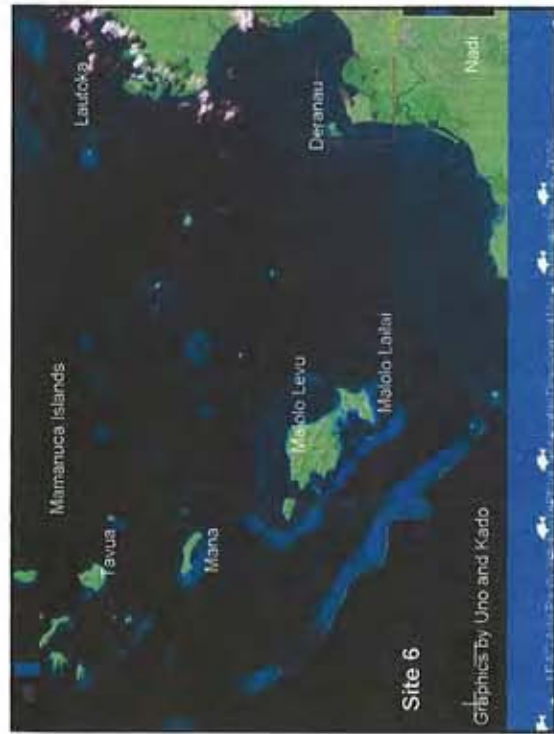
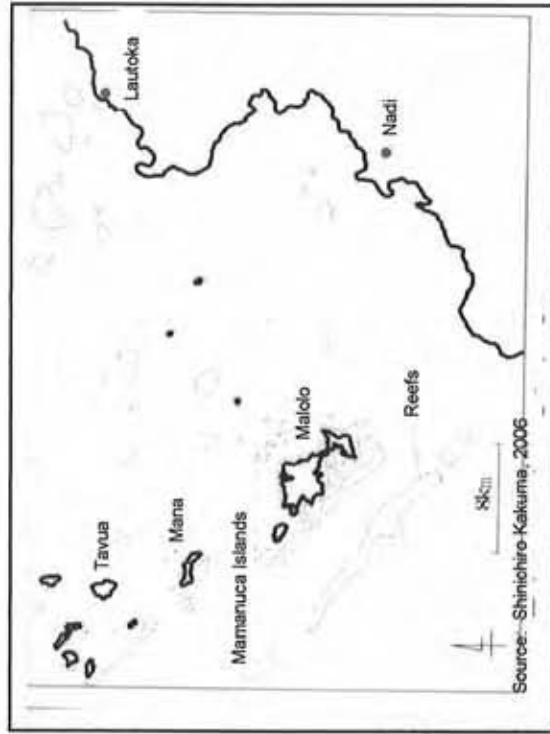
VC02060604-HQ4RReportAS\_  
Final\_2007/FijiMPA\_Site

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**Field-based Case Study in Fiji: Marine Protected Area and Biodiversity**  
(Draft)(Version March 31, 2007)

**Part 1. Outline**

**Implementing Staff:**

Kimio Uno (LEAD Japan Program, Professor Emeritus, Keio University)

Hisae Kado (LEAD Japan Program)

Shinichiro Kakuma (Doctor; Research Institute for Subtropics, Okinawa)

**In collaboration with:**

William Aabersberg (Professor, the University of the South Pacific)

**1. Theme:**

Field-based Case Study in Fiji: Marine Protected Area

**2. Main Topics, Keywords:**

Marine Protected Area, MPA, FLMMA, Fiji Locally Managed Marine Area, qoliqoli, Integrated Coastal Management, community based management, marine resources, subsistence fisheries, coastal resources, coastal fisheries, coastal ecosystem, reefs, fishing rights, Kaikoso, Verata, Ucuivanua, Sasa, Kiuva, Cuvu, Nabukelevu, Mamanuca, gill-net, bech-de-mer, fish aggregating devices, Fisheries Act, Customary Fisheries Bill, Native Land Trust Board, NLTB

**3. Target Learner Audience**

The module is intended to give a first-hand visual introduction to locally-based management of coastal fisheries through creation of Marine Protected Area or MPA in Fiji.

The module is suitable for those interested in fishing activities in the subtropics where subsistence fishing is prevalent alongside large scale commercial fishing. Due to the number of species that are fished around coral reefs that are close to local communities, the effectiveness of coastal resource management needs to depend on co-management by local system together with the government regulations.

Fiji's experience in MPA is abundant and is worth close scrutiny by fishing experts as well as those interested in sustainable fisheries.

**4. Purpose of Training / Expected Outcomes:**

## List of Contents:

LEAD Japan Steering Committee Member List

LEAD Japan Financial Statement

### Part 1. LEAD International

- 1-1 Annual Review 2005/2006
- 1-2 LEAD Network Five-Year Plan 2007-2011
- 1-3 Framework for LEAD's Work in the Coming Years
- 1-4 Minutes of Board Meeting
- 1-5 LEAD International Special Opportunities & Investment Fund (SOIF)
- 1-6 HSBC GIF Sustainability Leaders Fund

### Part 2. LEAD Japan

- 2-1 LEAD Japan Annual Report for 2005
- 2-2 LEAD Asia Pacific Activity Plan, 2006-2010 (Draft)
- 2-3 LEAD Japan WSSD Type II Commitment, Asia Pacific Initiative
- 2-4 Asia-Pacific Initiative Concept Paper (in Japanese)
- 2-5 Asia-Pacific Initiative Draft Concept Paper

### Part 3. Asia Pacific Initiative

#### 3-1 Management

- 1. LEAD International Statement of Income and Expenditure
- 2. LEAD Japan WSSD Type II Commitment, Asia Pacific Initiative
- 3. Memorandum
- 4. Collaboration with the UNU
- 5. Collaboration with the IGES
- 6. Collaboration with an NPO (to be) Earth Charter Asia Pacific • Japan

#### 3-2 Fellows

- 1. LEAD: Current Status and Prospects (in Japanese)
- 2. List of LEAD Japan Fellows
- 3. All Cohort Gathering
- 4. Evaluation: Toyota
- 5. Evaluation: Sasakawa Peace Foundation
- 6. Evaluation: Keidanren Nature Conservancy Fund

### 3-3 API Activities

1. LEAD Japan Activities: Chronological Listing  
Site Specific Activities
2. Symposium: Joint Curriculum and Next Generation Broadcasting for Sustainable Development in Asia Pacific
3. Development of a Field Survey Training Module on Conservation of Nature in Subtropics for Asian NGOs
4. Asia Pacific Initiative: Advanced Seminar in International Environmental Studies
5. Interim Report for 2006 submitted to the UNU/IAS
6. Development of e-Learning Modules incorporating Field Survey

### 3-4 Fieldwork Proposals

List: Fieldwork Proposals

Tuvalu: Climate change adaptation; traditional community

Fiji: Mangrove reforestation; marine protected area; CDM

Okinawa: Coastal clean-up; drifting waste; eco-tourism

Indonesia: Preservation of forest; micro financing

Mongolia: Desertification

Bangladesh: Flood control; water

Nepal: Tree planting; primary healthcare

Japan: New energy technology, new energy policy

Greater Mekong Sub-region (not discussed)

### 3-5 Curriculum Module Proposals

1. Mekong: 6 countries along the Mekong, particularly Golden Triangle; trans-border resource flow
2. Pacific SIDS: 12 countries supporting USP; adaptation to climate change; community-based marine resources management
3. MEAs: Global environmental governance, with focus on the Kyoto Protocol
4. Economy-Energy-Environment: 60 countries, 36 industrial sectors, simulation and policy scenarios up to 2020
5. Lifestyle and environment: Environmental indicators, social/cultural indicators

| Fiji Fieldwork Schedule |      |  |  | Fields         | Groups                                                                                                                                                                                                                                                   |                                                                                                                                               | Hotels (persons)                                                                                       |
|-------------------------|------|--|--|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Date                    | Day  |  |  |                | Uno + 4 from Chubu Univ. Media Center<br>Mangrove;<br>MPA;<br>Video Production;<br>Video Editing;<br>Fieldwork at Various Sites<br>Site Information;<br>USP Interviews;<br>Multimedia Browser<br><i>Production Meeting (at Chubu Univ.) (incl. Kado)</i> | Kakuma, formerly RIS<br>Ph.D. Thesis on MPA;<br>Fieldwork in Fiji & Okinawa<br>Joint Research with USP<br>Regional Center of Expertise for SD | Natori, UNU/IAS<br>Decade of Education<br>for Sustainable Dev.;<br>Regional Center of Expertise for SD |
| Prior Inputs:           |      |  |  |                |                                                                                                                                                                                                                                                          |                                                                                                                                               |                                                                                                        |
| August 21, 22, 2007     |      |  |  |                |                                                                                                                                                                                                                                                          |                                                                                                                                               |                                                                                                        |
| September 2007          |      |  |  |                |                                                                                                                                                                                                                                                          |                                                                                                                                               |                                                                                                        |
| 1 Sat                   | (0)  |  |  |                |                                                                                                                                                                                                                                                          |                                                                                                                                               |                                                                                                        |
| 2 Sun                   | (1)  |  |  | Sigatoka Day 1 | <Leave Narita><br><Arrive Nadi><br><i>(All places closed for Sunday)</i><br><Move to Sigatoka>                                                                                                                                                           |                                                                                                                                               | (Night Flight)                                                                                         |
| 3 Mon                   | (2)  |  |  | 2              | Drive from Nadi to Sigatoka                                                                                                                                                                                                                              |                                                                                                                                               | Tabua Sands (5)                                                                                        |
| 4 Tue                   | (3)  |  |  | 3              | Coral Reefs<br>Mangrove (Tani's site)                                                                                                                                                                                                                    |                                                                                                                                               | ditto (5)                                                                                              |
| 5 Wed                   | (4)  |  |  | 4              | Sand Dunes, Beach<br>Traditional Village<br>Bus Ride, Train Ride                                                                                                                                                                                         |                                                                                                                                               | ditto (5)                                                                                              |
| 6 Thu                   | (5)  |  |  |                | <Move to Suva>                                                                                                                                                                                                                                           | <Leave Natira>                                                                                                                                | ditto (5)                                                                                              |
| 7 Fri                   | (6)  |  |  | Suva Day 1     | Drive along Coral Coast<br>USP (Media Centre)                                                                                                                                                                                                            |                                                                                                                                               | Holiday Inn Suva (5)                                                                                   |
| 8 Sat                   | (7)  |  |  | 2              | Market<br>USP (Interviews of key persons)<br>Kakuma Interview                                                                                                                                                                                            | <Arrive Nadi, Suva>                                                                                                                           | ditto (6)                                                                                              |
| 9 Sun                   | (8)  |  |  | 3              | Fiji Museum (closes at 16:00)                                                                                                                                                                                                                            |                                                                                                                                               | ditto (6)                                                                                              |
| 10 Mon                  | (9)  |  |  | 4              | <i>(USP closed)</i><br><i>(All places closed for Sunday)</i><br><i>Production Meeting</i>                                                                                                                                                                |                                                                                                                                               | ditto (6)                                                                                              |
| 11 Tue                  | (10) |  |  | 5              | Site Visit                                                                                                                                                                                                                                               |                                                                                                                                               | ditto (6)                                                                                              |
| 12 Wed                  | (11) |  |  | 6              | Site Visit                                                                                                                                                                                                                                               |                                                                                                                                               | ditto (6)                                                                                              |
| 13 Thu                  | (12) |  |  | 7              | <i>Production Meeting</i><br><i>Official Presentation at Faculty Seminar at USP (Interview of key persons continue)</i>                                                                                                                                  | <Leave Narita><br><Arrive Nadi, Suva>                                                                                                         | ditto (7)                                                                                              |
|                         |      |  |  |                | <Leave Suva><br><Leave Nadi><br><Arrive Narita>                                                                                                                                                                                                          | <Leave Suva><br><Leave Nadi><br><Arrive Narita>                                                                                               | ditto (7)                                                                                              |

Note: MPA stands for Marine Protected Area.  
Outputs

Intermedia output by mid-October (synopsis, video clips) (by Chubu Univ. Media Center Group)  
Final output by mid-December (synopsis, video product) (by Chubu Univ. Media Center Group)  
Upload to Multimedia Browser by the end of December (PPT, photo, video clips) (by Uno & Kado)