

---

# Contents

<b>Preface</b> .....	v
<b>Editors</b> .....	vi
<b>Contributors</b> .....	vii
<b>Various Island Views in Kagoshima Prefecture</b> .....	xi
<b>Map of the Islands in Kagoshima</b> .....	xii

## **Culture and Society**

<b>1. Culture and Society in the Islands of Kagoshima</b>	
Sueo KUWAHARA .....	2
<b>2. Research Issues in the Culture and Society of the Amami Islands</b>	
Sueo KUWAHARA .....	5
<b>3. Amami Island Religion - Historical Dynamics of the Islanders' Spirit -</b>	
Megumi TAKARABE and Akira NISHIMURA.....	14
<b>4. The Educational Environment on a Remote Island in Kagoshima</b>	
Akio HATTAN .....	21
<b>5. Cycads, Sustenance and Cultural Landscapes in the Amami Islands</b>	
Philip HAYWARD and Sueo KUWAHARA .....	29
<b>6. Chili Peppers in the Islands of Kagoshima</b>	
Sota YAMAMOTO .....	38
<b>7. Health and Medical Issues and Longevity in the Amami Island Region</b>	
Toshiro TAKEZAKI, Hideshi NIIMURA and Kazuyo KUWABARA .....	43
<b>8. Environmental Hygiene in the Islands of Kagoshima</b>	
Shinichi NODA .....	48
<b>9. A Guide for the Study of Kinship and Social Organization in the Amami Islands</b>	
Sumie NAKATANI .....	54
<b>Column 1: Bullfighting on Tokunoshima Island</b>	
Takahiro OZAKI .....	59

## **Industry**

<b>10. Economy in the Islands of Kagoshima</b>	
Satoru NISHIMURA .....	62
<b>11. The Amami Islands Promotion and Development Projects, and Socioeconomic Transformation</b>	
Takeichi MINAMURA.....	67
<b>12. Remote Islands Development Area in Kagoshima Prefecture</b>	
Shunsuke NAGASHIMA .....	73
<b>13. Tourism Around the Kagoshima Prefecture Islands</b>	
Makoto HAGINO .....	78
<b>14. Agriculture in the Islands of Kagoshima</b>	
- Special Reference to Fruit Production in the Yakushima and Amami Islands -	
Shigeto TOMINAGA .....	84
<b>15. Significance of the Preservation of Crop Genetic Resources in the Islands of Kagoshima</b>	
Michio ONJO .....	92
<b>16. Sugarcane Cultivation in the Islands of Kagoshima</b>	
Byoung-jae PARK .....	95
<b>17. The Effect and Problems of Attracting Aquaculture Capital</b>	
- A Case Study of the Koshiki Islands -	
Takashi TORII .....	100
<b>18. Renewable Energy and Lifestyle Change</b>	
- An Example of Yakushima Island's "Zero Emissions" Initiative -	
Hidetaka ICHIKAWA.....	107
<b>Column 2: Edible Seaweeds in the Island Life</b>	
Ryuta TERADA .....	113

---

## **Nature**

<b>19. Nature in the Islands of Kagoshima</b>	
Kei KAWAI .....	116
<b>20. The Kuroshio - Its Physical Aspect and Roles in Kagoshima's Nature and Culture -</b>	
Hirohiko NAKAMURA .....	118
<b>21. Volcanic Island Chain South of Kyushu, Japan</b>	
Kisei KINOSHITA and Masaya SAKAMOTO .....	128
<b>22. Biodiversity in the Islands of Kagoshima</b>	
Takahiro OKANO .....	136
<b>23. A Review of Insect Fauna Reports for the Islands in Kagoshima Prefecture</b>	
Yositaka SAKAMAKI .....	146
<b>Column 3: Vertebrate Fossils from the Islands</b>	
Hideo NAKAYA .....	150
<b>Appendix</b> .....	151

### **Right Photos: Various Island Views in Kagoshima Prefecture.**

**A-D:** Various landscapes in the islands. **A:** Yakushima Is., Second largest island in Kagoshima Prefecture. **B:** Kuchinoerabujima Is., active volcanic island in Osumi Islands. **C:** Takeshima Is., a small and flat island with less than 100 inhabitants. **D:** Tokunoshima Is., an island surrounded by coral reefs and part of the Amami Islands.

**E-G:** Characteristic island-views at the mountain and coastal areas. **E:** One of the beautiful waterfalls “*Senpiro-no-taki*” and laurel forests in Yakushima Is. **F:** Mangrove forest in the estuary of Sumiyo river, Amami-Oshima Is. **G:** Beautiful coral lagoon in Yurigahama Beach, Yoronjima Is.

**H-N:** Daily island life and local communities. **H:** Sugarcane field in Kikajima Is. **I:** A yellowtail aquaculture farm in Nagashima Is. facing Yatsushiro Bay. **J:** Auction of the fresh fish at the fishermen’s harbour, Yoronjima Is. **K:** A rice cake scattering ceremony for local people to celebrate a newly bought fishing boat in Takeshima Is. Almost all inhabitants in the islands, around 70 people, attended. **L:** Arrival of the municipal ferry boat “*Ferry Toshima*” in Nakanoshima Is., Toshima Village, the only public transportation to the island. **M:** Local people who say goodbye to their friends on board in Kuchinoshima Is., Toshima Village. The arrival and departure of the ferry boat is one of the most important event in daily life. **N:** Kikajima Airport. A domestic airline company operates inter-island passenger services in the islands except for some small islands including Toshima and Mishima villages.

**Photos:** Ryuta TERADA