



# My guide to a sustainable Congress

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This year you will be one of the 6,000 IUCN members and affiliates from around 180 countries to gather for ten days at the World Conservation Congress in Jeju Island. Though the Congress will be a place for a wide variety of discussions on environmental issues and solutions, Congress participation will inevitably result in greenhouse gas emissions and negative impacts on the environment. This guide is to minimize the adverse impact of Congress participation by providing participants with tips that are useful for making various Congress related decisions. You will find guidelines on how best you can plan your trip, from choosing how to get to Jeju and where to stay, to packing your bags. In addition, you will be able to learn your host country and its culture.

## [Before the Congress]

### 1. Getting to Jeju

Flight travel accounts for most of the total greenhouse gas (GHG) emissions from Congress participation. Cutting GHG emissions from air travel will greatly help to reduce Congress GHG emissions. The followings are options that you can take to minimize the emissions produced by your air travel.

#### International travelers

##### Get a direct flight

From most of the places you have to get a second flight to get to Jeju, but there are some direct flights from the cities such as Tokyo, Osaka, Nagoya, Fukuoka (of Japan), Taipei, Beijing, Shanghai, Harbin (of China), and Hong Kong. If you want to have a full list of cities where you can get a direct flight, visit the website of Jeju International Airport ([http://www.airport.co.kr/doc/jeju\\_eng/index.jsp](http://www.airport.co.kr/doc/jeju_eng/index.jsp)).

#### Domestic travelers

##### Board on a ferry

Ferries are also available from Incheon, Busan, Mokpo and other Korean cities. Though it takes longer than air travel, ferries could be a great option for those who want to have a leisurely trip to Jeju as ferries offer entertaining programs. Crossing the sea itself could be a special memory as well. More information is available at <http://english.jeju.go.kr/index.php/contents/living/residence/driving/info> (English version) or <http://www.jejutour.go.kr/contents/?mid=0902>(Korean version).

## 2. Carbon offsets for my travel

The Congress venue, ICCJ, will reduce GHG emissions through a project to upgrade its facilities greener to host a more environmentally friendly Congress. The project includes planting trees around ICCJ, introducing Building Energy Management System (BEMS), installing energy-efficient elevators and escalators, and establishing a photovoltaic system.

In addition, the Korean Organizing Committee (KOC) has exerted efforts to reduce GHG emissions associated with Congress; it prepared green transportation modes, such as electric buses or cars and hybrid cars, and tablet PCs to minimize paper usage; it tries not to use disposable items.

In an effort to make the Congress a carbon neutral event, IUCN has created the Jeju Carbon Offset Fund. You can voluntarily take part in making a carbon neutral Congress by contributing to the Fund when you register or while you are at the Congress. Go visit Carbon Offset Desks, one will be located on the third floor of ICCJ and the other inside the 2012 WCC Exhibition. The funds collected will be used to purchase carbon credits from the INFAPRO project in Malaysia.

### **INFAPRO project**

IUCN selected the INFAPRO project in Sabah, Malaysia to offset GHG emissions associated with the 2012 Congress. The INFAPRO project is one of the biggest forest rehabilitation projects in Southeast Asia verified by the Verified Carbon Standard and the Forest Stewardship Council, and was selected due to its high quality carbon offsets and its significant biodiversity and social benefits.

### 3. Arranging accommodation

The 2012 World Conservation Congress will be providing a wide range of lodging options for participants to allow them to book their hotels through the Official Accommodation Reservation System. You can choose between hotels, condominiums and resorts, low-budget accommodation, Templestay, and Natural Recreation Forest accommodation. Note accommodation with “eco-friendly” mark adheres to the Eco-friendly Facility Guidebook that provides them with guidelines about conserving water and energy, minimizing waste and recycling.

#### Eco-friendly accommodation mark of the 2012 World Conservation Congress



This mark is granted only to accommodations that have decided to adhere to the Eco-friendly Facility Guidebook.

#### **Eco-friendly Facility Guidebook** **For Hotels and ICCJ (including inside shops and restaurants)**

##### **Introduction**

The 2012 IUCN World Conservation Congress, an environmental conference, will be held in September 2012 in Jeju, a world treasury of the ecosystem as well as a world's treasure island. This is a great opportunity to enhance the status of Jeju on the international stage.

There will be more than over 6,000 participants from 160 government agencies, environmental organizations, etc., bringing economic benefit of more than 341 billion USD. Taking this opportunity, Jeju will be able to emerge from a Korean tourist attraction to an environmental hub of the world.

Jeju is the world's first city to receive all three UNESCO designations: Biosphere Reserve in 2002, World Natural Heritage in 2007, and World Geopark in 2010. In addition, it was chosen as one of the New Seven wonders of Nature in 2011. The island is also famous for its abundant natural resources, unspoiled scenery and well-equipped infrastructure, including accommodations for various international conventions, and it aims to become the world's "environment capital" through the hosting of the IUCN Congress.

To ensure the successful hosting of the IUCN World Conservation Congress, it is important to



prepare transportation, accommodation, etc. Among others, the provision of comfortable accommodations and foods is all the more important to showcase Jeju's green customs to the world.

This guidebook shows what we can do at hotels and ICCJ including inside stores and restaurants to make the 2012 IUCN Congress a global environment festival and turning point in facing environment challenges.

Through exemplary green practices, let's make people around the world feel hopeful and touched at the 2012 IUCN World Conservation Congress!

## **10 Commitments for eco-friendly facility**

1. Setting a yearly plan on energy, water and waste recycling
2. Monitoring hotels' energy use and set annual targets accordingly
3. Replacing electricity/water using equipment with power-saving ones
4. Purchasing energy-efficient products
5. Minimizing use of disposables
6. Using recycled papers as much as possible
7. Separately handling waste electronic equipment
8. Using bed sheets more than once
9. Purchasing locally produced organic food
10. Separately collecting waste in rooms

### **Detailed guidelines**

#### **Hotels**

1. Keep room temperature above 26°C in summer and below 20°C in winter.
  - Temperature adjustment by 1°C can reduce CO<sub>2</sub> by 110kg, and save 32 USD.
  - Let's maintain adequate temperature.
2. Use power-saving light bulbs.
  - If you replace fluorescent bulbs with LED lamps, CO<sub>2</sub> emission annually goes down by 15kg.
3. Use energy-efficient electronic products and unplug them when not in use.
  - Standby power takes up about 10% of the total power consumption.
4. Replace towels and linen only if requested by customers.

5. Replace with water-saving faucets and showers in bathrooms and install large-capacity dispensers of toiletries instead of providing disposable ones.
  - Reducing your shower time by one minute helps create 350kg less CO<sub>2</sub>.
6. Separately collect garbage in rooms and other areas of the hotel according to the types.
7. Purchase tissues and other products which are environmental-friendly and have an environmental label.

### Shops

1. Set energy management standards and saving goals.
  - Designate energy managers for cooling and heating devices.
  - Set up and meet energy saving targets.
2. Replace light bulbs inside and outside stores with energy-efficient ones.
  - The replacement of fluorescent light bulbs by LED lamps can annually reduce 15kg of CO<sub>2</sub>.
3. Reduce packaging and separate waste before disposal.
  - About 120g of CO<sub>2</sub> is generated per 1kg of waste.
  - It takes more than 100 years for a plastic bag to decompose (Annually 16 billion bags are used).
4. Don't give disposable bags to costumers.
5. Improve indoor air quality.
  - Regularly ventilate the shops to provide comfortable space for customers and clean working environment for staff.

### Restaurants

1. Provide appropriate amount of side dishes
  - Waste worth 15 trillion USD is annually generated.
  - Planned purchases and management of food ingredients can reduce food waste.
2. Minimize use of disposables, including tablecloths, cups, etc.
  - If 100 less paper cups are used a day, 400kg less CO<sub>2</sub> would be emitted.
3. Use agricultural products in season.
  - Greenhouse growing requires five times more energy than seasonal growing.
4. Buy appropriate amount of ingredients to be kept in refrigerators.
  - Power consumption increases by 3.6 percent if 10 percent more food is contained in refrigerators.
  - Ideal amount of food stored in the refrigerator is 60 percent of the total capacity.
5. Use refrigerators that do not use hydro fluorocarbons or other fluorinated gases and open a refrigerator door less.
  - If you open the door 100 times a day, 15 percent more electricity is consumed compared to the case of 50 times.

- Putting a note on what is in would help prevent unnecessary opening of the freezer.
6. Remove dirt on vegetables before washing or trimming them.
    - Wipe the dirt off vegetables not to waste or pollute water.
    - Clean up food residue with tissue at first, then water and detergent for washing can be saved.
  7. Completely separate food waste for disposal.
    - Food waste is also our resources. Food waste mixed with others cannot be used as compost or animal feed.
    - Dry food waste not to give off an unpleasant smell.
  8. Keep the least amount of ingredients based on the expected number of customers.
  9. Use a spray-type faucet in the kitchen, then water consumption goes down by 20%.

## ICCJ

1. Introduce the Building Energy Management System (BEMS) to avoid energy loss.
  - Improve energy-efficiency (e.g. use a system air-conditioner)
  - Maximize the use of renewable energy such as photovoltaic energy
2. Reduce water consumption and treat waste water in a proper way
  - Introduce sensors to save water usage in kitchens, toilets and banquet rooms. Does the Convention Center sweep, not spray parking lots, sidewalks and driveways?
3. Set up and implement a plan to separately collect and reuse waste produced during the Congress.
4. Encourage site suppliers to provide 'green certified' products.
5. Minimize staff movement by arranging works appropriately during the Congress.

## 4. Getting to know my hosts

You can learn Jeju's transportation, nature, culture and other general information at the website of Jeju Special Self-Governing Province (<http://english.jeju.go.kr/>). Tourist information on places all around Korea, including Jeju, is available at the website of Korea Tourism Organization (<http://english.visitkorea.or.kr/enu/index.kto>).

### Culture

Jeju Island is a one-of-a-kind tourist destination which boasts unique insular landscape, and its local culture was greatly influenced by the culture of the kingdom of *Tamna*, one of ancient countries in Korea. From Halla Mountain, which rises high in the middle of the island, beautiful forests, small ponds, parasitic cones and craters, to caves and open fields, a wide variety of environmental assets will delight your eye. Steep and rugged rocks by sea, white sandy beaches and small islands included to Jeju beautifully decorate the island. Samseonghyeol, from which the three founders of Tamna are said to emerge, other historical sites of Tamna, Jeju's indigenous industry, folk arts, and spiritual culture are unique enough to make Jeju stand out from other tourist spots.

#### ***Samda/Sammoo/Samryeo***

Jeju is well-known for its *samda*, *sammoo* and *samryeo*. *Samda* means three abundances, which indicates that Jeju has more stones, wind and women than any other regions in Korea. *Sammoo* means Jeju does not have beggars, thieves and front gates, which implies Jeju Islanders' honesty, self-reliance and strength. Lastly, *samryeo* refers to three beauties of Jeju, which are generosity, nature and various fruits, including tangerine.

### Tipping

It is not customary to tip in Korea. Some hotels or restaurants charges 10% of service charges but mostly everything, including service charges, is included in prices.

### Eco-tours

Congress participants can enjoy Korea's unique, rich ecology and culture by signing up for one-day tour (on September 13) and two-day tour (September 12-13/ September 16-17).





More information is available at the 2012 WCC Tour website (<http://tour.2012wcc.or.kr/en/main.asp>). You can also book your one-day tour onsite.

## 5. Packing

To pack as little and light as possible, it helps to:

- Check the likely weather conditions – September temperatures in Jeju average 23°C. However, you might need a light jacket and/or thin sweaters for the evenings.
- Find out what facilities your hotel offers (hairdryers, etc.) to decide what items you do not need to pack.
- Check the luggage-size regulations of the airline you are travelling on.
- Pack efficiently
  - Take items that fold easily
  - Decant products into small bottles sufficient for trip
  - Leave as much excess packaging at home (e.g. film and other product boxes).
- Minimize the use of paper by uploading materials online. Or exchange materials with flash memory stick or via email.
- However, if you still need to bring printed copies of documents, reduce the weight by printing double-sided on Forest Stewardship Council (FSC) certified paper or on recycled paper. Alternatively, you can have them printed on FSC-certified paper in Jeju.

## [During the Congress]

### 6. Airport to the city center

#### Shuttle bus

All Congress participants can jump on free shuttle buses. The shuttles run airport-hotels-ICCJ and ICCJ-hotels (in Jeju City, Seogwipo City, and Jungmun Tourism Complex). During the Congress, you can ride the bus free of charge if you show your Congress badge to the driver. Detailed shuttle schedules are available at IUCN website.

#### Airport limousine

Airport limousine no.600 leaves Jeju International Airport for Jungmun Tourism Complex and Seogwipo City every 18-20 minutes and then back to the airport. Airport limousine no.600 will take you to hotels in Jungmun Tourism Complex, ICCJ, and Jeju World Cup Stadium until it reaches Seogwipo KAL Hotel, the last stop. It takes 50 minutes from the airport to Jungmun, and 80 minutes to Seogwipo KAL Hotel.

#### Limousine fares & schedule

Route	Fare	Discount
Jeju International Airport ↔ Jungmun Tourism Complex, Yakcheonsa Temple	₩3,900	- Middle or high school students get 20% discount - Elementary school students get 50% discount
Jeju International Airport ↔ Kyungnam Hotel, Seogwipo KAL Hotel	₩ 5,000	
Jeju International Airport ↔ Gangjeong, Poonglim Resort, World Cup Stadium	₩ 4,500	

*Schedule is subject to change according to circumstances.*

## 7. At the hotel

Whether you booked into an “eco-friendly accommodation” or not, there are a number of things you can do to reduce the environmental impact of your stay in accommodation, paying extra attention to the use of water and energy, waste generation and disposal.

- Request towels and bed sheets to be changed only when it is necessary. You can use Green Card to indicate you do not want your towels and sheets to be changed on a daily basis.
- Keep the room temperature at 26°C. If you set the room temperature 1°C higher in summer, you can cut CO<sub>2</sub> emissions by 100 kg annually.
- Switch off lights and electric appliances when you are not using them.
- Turn off the shower when soaping. If you spend 1 minute less in the shower, you can lower CO<sub>2</sub> emissions by 350 kg annually.

## 8. At the Congress center

To offset greenhouse gases emitted from the preparation and operation of the Congress, the 2012 World Conservation Congress had implemented the following project to make Congress facilities greener.

The project includes:

- installing solar battery modules at five areas of ICCJ, supplying 20% of ICCJ's annual power consumption, 3,544,000 kWh.
- applying insulation film to the outer glass wall of ICCJ to save 1,639,000 kWh per year.
- planting trees on rooftop of and around ICCJ.
- establishing a circulation system to conserve water.
- introducing Building Energy Management System (BEMS), which allows an integrated management of different energy facilities (electricity, gas, lighting, etc.).
- replacing old escalators, elevators, and cooling and heating systems with more energy efficient ones.

In addition, you can minimize the impact on the environment by adopting following practices.

- Use flash memory sticks or email to store and carry Congress related information.
- Download meeting schedules and Congress information to your tablet PC and other mobile devices.
- Use appropriate containers for the disposal of your waste and recycle as much as possible.
- As an exhibitor, use FSC paper, reusable or recyclable materials and minimize packaging and waste as much as possible.

## [After the Congress]

### 9. Leaving Jeju- my next steps

We hope all Congress participants to take part in making an environmentally responsible Congress. To this end, we prepared this guide to minimize adverse impact on the host country's environment. We all must do our part to have a green Congress. Some key questions to you are:

- Has this guide been useful to you?
- Do you have any recommendations for a guide for the next Congress?
- We would especially like to know what information you acted upon as a result of this guide.

#### Some final recommendations

- Share any tips on how to travel more responsibly with friends, families and colleagues.
- Remember that as a visitor you are a potential agent for change – your requests and enquiries will also raise awareness.

Please send us your feedback at [congress@iucn.org](mailto:congress@iucn.org)

Have a pleasant and responsible stay in Jeju!