



## Carbon Offset Pledge 2019-2020

### Andaman Discoveries Business Carbon Footprint:

- Building 0.9 tonnes of CO<sub>2</sub>e
- Flights 1.9 tonnes of CO<sub>2</sub>e
- Car & Van 4.4 tonnes of CO<sub>2</sub>e
- Vehicle Fuel 2.4 tonnes of CO<sub>2</sub>e
- Bus & Rail 0 tonnes of CO<sub>2</sub>e

**Average = 1.9 tonnes per employee**

**Total To Offset = 9.6 tonnes of CO<sub>2</sub>e**

### Offset Program One: Mangrove Reforestation

We will actively offset our carbon emission by doing Mangrove Reforestation with our study and service groups. We will host 2-3 study and service groups that help a local community conservation group reforest their mangrove eco-system and create nurseries for mangrove saplings. The area is a center for information sharing about mangrove conservation. Andaman Discoveries pledges to assist the study and service groups by planting at least 200 mangrove saplings per group, with a yearly total of no less than 600 mangrove saplings.

### Offset Program Two: Endangered Water Lilly Conservation

We will actively offset our carbon emission by supporting a local endangered Water Lilly conservation Project. The areas of Ranong and Phang Nga are home to an endemic species of plant known as the Thai Water Onion (*Crinum thaianum*), which in 2011 was placed on the IUCN Redlist as 'Endangered.' Andaman Discoveries has been and will continue to work with a local farmer who is cultivating and replanting to keep this species alive for future generations. We created a one day bicycling trip that stops at his conservation project to bring awareness and financial support to this cause. In our office we sell post cards featuring pictures of this plant and all proceeds go towards conservation efforts. We engage in Thai Water Onion meetings, activities and awareness raising campaigns and pledge to continue to financially support this project and provide staff time and support as needed.