



PRTRG 13  
**Taiwan**  
2020 12-13 FEB



PACIFIC RIM  
TERMITE  
RESEARCH GROUP

**PRTRG 13  
Conference Announcement and Call for Papers  
February 12<sup>th</sup>-13<sup>th</sup>, 2020  
Taipei Zoo  
Taipei, TAIWAN**

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It is our pleasure to announce that the 13<sup>th</sup> conference of the Pacific Rim Termite Research Group (PRTRG 13) will be held on February 12<sup>th</sup>-13<sup>th</sup>, 2020 in Taipei, Taiwan (Appendix 1: tentative schedule). The conference will take place in one of the largest zoos in Asia, the Taipei Zoo, which is located in Taipei City, the capital of Taiwan. Taipei is featured with the diverse culture and scenery. As Lonely Planet says: *“Taipei is a tough little city whose beauty lies in its blend of Chinese culture with a curious fusion of Japanese, Southeast Asian and American influences.”* Taipei is the place that always welcome visitors and residents to explore the mixture of modern vibes and the cultural roots of the city.

### Co-organizers



Taipei Zoo



Taiwan Entomological Society



Department of Entomology, National Chung Hsing University



Chung Hsi Chemical Plant

### Registration

Registration fee      Member : **USD200**  
                                 Non-member : **USD300**  
                                 Accompanying person : **USD100**

Registration online through a Google Form entered individually

<https://forms.gle/ikXG5yicDQPWDRGk7>

Payment method: Registration fee and membership fee is to be paid in **CASH** during registration on February 12<sup>th</sup>, 2020. Only US dollar (USD) is accepted for the payment.

**Registration deadline: January 20<sup>th</sup>, 2020**



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### Membership of PRTRG

Participants are encouraged to apply as a member of PRTRG. If you are not PRTRG member yet, and you would like to apply, there will be a one-time USD100 fee to be paid. Those new-applied members are requested to pay the membership fee along with the registration fee in person. It'll be USD300 (membership fee USD100 + registration fee USD200) in total. Please visit <http://prtrg.org> to apply as a member (optional), and register for the Conference through Google Form online (provided above) to complete the registration.

### Accommodation and transportation

No official arrangement will be made for accommodation and ground transportations. Taking public transportation is highly recommended. Please refer to Appendix 2 for detail instruction.

### Visa requirement

Please check supporting documents required for visitor visas to Taiwan. For those needing invitation letters to apply for visas, please kindly contact the Secretary General, Dr. Hou-Feng Li (E-mail: [houfeng@nchu.edu.tw](mailto:houfeng@nchu.edu.tw)).

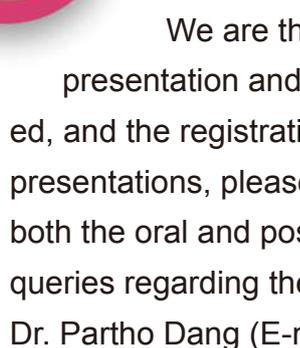
### Oral and poster presentations

The objective of PRTRG 13 is to provide a forum for ORAL and POSTER presentations and exchange of scientific and technical information about termites among participants within two days. PRTRG Executive Committee (EC) would be very pleased to receive papers on:

- ① Biodiversity and systematics of termites
- ② Ecology and behavior of termites
- ③ Physiology and biochemistry of termites
- ④ Wood preservatives and natural products/microbial control of termites
- ⑤ Termite management (termiticides, baits, novel system, physical method, etc)



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We are thrilled to announce that the abstracts for poster presentation and full papers for oral presentation are currently being solicited, and the registration is now open. For details of the submission of oral and poster presentations, please refer to Appendices 3 and 4. The deadline of the submission for both the oral and poster presentations is November 1<sup>st</sup>, 2019. Should you have other queries regarding the presentations, please contact proceeding editor Dr. Partho Dang (E-mail: [partho@urbanentomology.com](mailto:partho@urbanentomology.com)).

### Regulations of oral and poster presentations

Presenters are welcome to give speech and mention the active ingredients of pesticide and types of equipment; however, promoting their own products or businesses in general are not allowed in these presentations.

### Travel fund

In order to assist young scientists and students who need financial support to participate in the conference of the PRTRG, we grant 2 travel funds amounting up to USD 1,000 each. (For more details of Travel Fund application, please refer to Appendix 5).

### Excursion

A half-day trip to Yehliu Geopark and Yangmingshan National Park will follow the conference (Appendix 6).

### Sponsorship

For those who are interested in sponsoring PRTRG 13, please kindly contact the Finance Director, Dr. Foong Kuan Foo (Anticimex Pest Management, Singapore) by E-mail: [Dr.Foo@anticimex.com.sg](mailto:Dr.Foo@anticimex.com.sg) or the Secretary General, Dr. Hou-Feng Li (National Chung Hsing University, Taiwan) by E-mail: [houfeng@nchu.edu.tw](mailto:houfeng@nchu.edu.tw).

# Appendix 1 Tentative Schedule

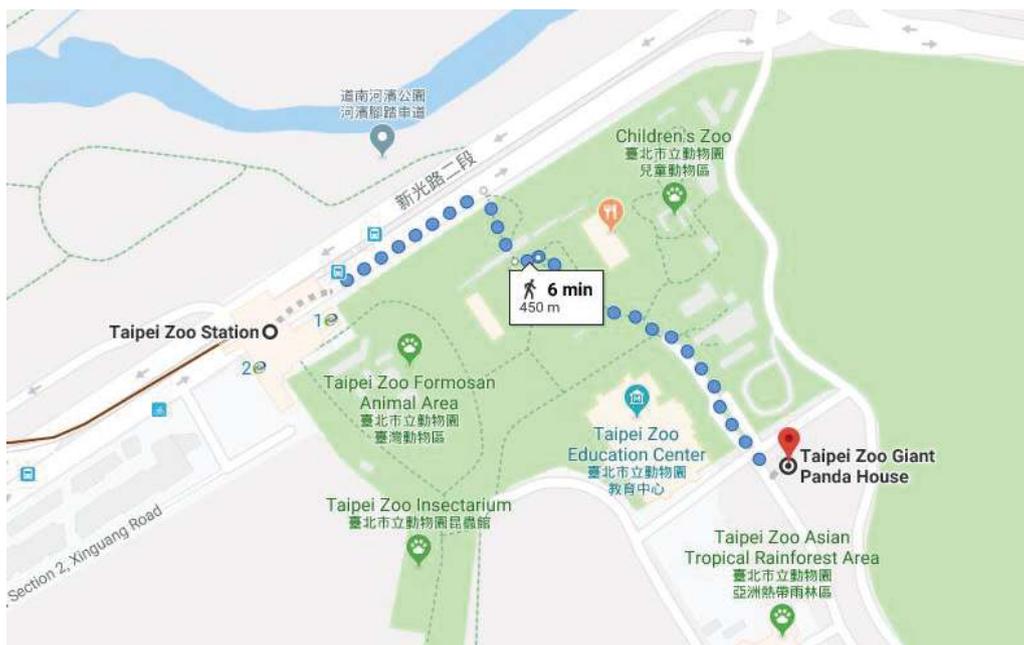
TIME	Day 1: February 12 <sup>th</sup> , 2020
8:00-8:50	Registration
8:50-9:00	Welcome speech by the President of PRTRG and the Director of the Taipei Zoo (5 minutes each)
9:00-9:30	Keynote Speech, Prof. Nan-Yao Su (University of Florida)
9:30-10:00	Kunio Tsunoda Memorial Lectures
10:00-10:30	Photography Session & Tea Break
10:30-11:30	Kunio Tsunoda Memorial Lectures (30 minutes each)
11:30-12:30	Presentation 1: Biodiversity and Systematics of Termites (15 minutes each)
12:30-13:30	Lunch
13:30-14:30	Presentation 2: Ecology and Behavior of Termites (15 minutes each)
14:30-15:30	Presentation 3: Physiology and Biochemistry of Termites (15 minutes each)
15:30-16:00	Tea Break and Poster Session (the presenters should stand by their poster)
16:00-17:00	Presentation 4: Wood Preservatives and Natural Products/Microbial Control of Termites (15 minutes each)
17:00-18:00	Biennial General Meeting
18:00-20:00	Welcome Dinner @ Taipei Zoo
TIME	Day 2: February 13 <sup>th</sup> , 2020
8:30-9:00	Registration
9:00-10:00	Presentation 5: Termite Management (termiticides, baits, novel system, and physical method) (15 minutes each)
10:00-10:20	Tea Break
10:20-12:00	Forum: Termite Control Innovation Inspired from Insights of Termite Biology
12:00-13:00	Lunch
13:00-19:00	Excursion: Yehliu Geopark and Yangmingshan National Park
19:00-21:30	Gala Dinner @ The Howard Plaza Hotel Taipei

## Appendix 2 Accommodation and Transportation

### Venue

International Lecture Hall,  
Xinguang Special Exhibition House (Panda House) 3F,  
Taipei Zoo, TAIWAN

Find the site on Google Maps: <https://goo.gl/maps/uzPieq6RvVLbx5zB7>



### Accommodation

Please book the hotel by yourself. We highly recommend you stay near MRT Daan Station. It takes 8 stops from the Station to Taipei Zoo, where the conference is held. In addition, the gala dinner on February 13<sup>th</sup> evening will be held in the Howard Plaza Hotel, which is at a walking distance from the Daan Station, too. If you would like to experience the vibrancy of Taiwanese night market, upscale shopping, you can visit the world-famous Taipei 101 or take a walk in the largest park in Taipei City (Daan Park), this location has a good public transport network since MRT Daan Station is an interchange station for Red Line and Brown Line of the Metro System.

The recommended hotels near Daan MRT Station:

- ① The Howard Plaza Hotel Taipei <http://www.howard-hotels.com.tw/en/taipei/home/>
- ② Folio Hotel Daan Taipei <https://www.folio-hotels.com/daan/en/>
- ③ Taipei Fullerton Hotel South <http://www.taipeifullerton.com.tw/south/en/>
- ④ Park Taipei Hotel <http://www.parktaipei.com/en/>

### Transportation

All transportation is self-organized by individuals, except for the excursion. No special arrangement will be made because the public transportation is very convenient and clean in Taipei. Foreign participants will likely land at either the Taoyuan International Airport (TPE) or Taipei Songshan Airport (TSA). Basically, the only transportation vehicle you need is the Metro, either from the airport to hotel or from the hotel to conference venue. You can also take Taipei Metro to visit most sightseeing hotspots in Taipei.

#### ***Public transportation from the airport to the hotel***

##### **Taoyuan International Airport (TPE) to hotels**

The transportation network connecting between the Taoyuan International Airport and Taipei City is highly efficient. If you stay near MRT Daan Station as mentioned above, you could take Taoyuan Airport MRT to Taipei Main Station, then transfer MRT Red Line to your hotel (near Daan Station).

Find transportation information of the Taoyuan International Airport:

[https://www.taoyuan-airport.com/english/taoyuan\\_metro](https://www.taoyuan-airport.com/english/taoyuan_metro) and

Taipei MRT: <https://english.metro.taipei/cp.aspx?n=1BE0AF76C79F9A38>

##### **Songshan Airport (TSA) to hotels**

If your flight arrives at the Songshan Airport, you could take the MRT Brown Line directly to Daan Station. Otherwise, taking taxi will cost less than USD10.

#### ***Public transportation from hotels to the venue, Taipei Zoo***

As we stay at the hotels near Daan Station, taking MRT to the Taipei Zoo is convenient and efficient. Participants may take the Brown Line to MRT Taipei Zoo Station, then take a 10-minute short walk from the front gate to the Panda House.

## Appendix 3 Preparation and Guidelines for Oral Presentation

Every paper will be given 15 minutes for an oral presentation when PRTRG-EC decides to accept the paper. PowerPoint presentations are strongly recommended. You are encouraged to use your own laptop computer, or the one that we have prepared in the conference room.

Those who would like to present papers orally are kindly requested to submit a 4-6 page-full paper by **November 1<sup>st</sup>, 2019** to both the Secretary General, Dr. Hou-Feng Li (E-mail: [houfeng@nchu.edu.tw](mailto:houfeng@nchu.edu.tw)) and the Proceeding Editor, Dr. Patho Dang (E-mail: [partho@urbanentomology.com](mailto:partho@urbanentomology.com)) electronically. **Earlier submission is greatly encouraged.** You will not be assigned any presentation slot without submission of a paper. For oral presentation, the paper should contain title, authors and their affiliations, abstract, introduction, materials and methods, results and discussion/conclusions and references. Tables and figures are optional. "Times New Roman" (Microsoft Word) is the format required for inclusion of your paper in the conference proceedings. A layout example of a paper is shown in the next page. **Only paper that follows the format set in the example on the next page will be accepted, failing which it will be returned back to the authors to be reformatted again. Please note the requirements of the margin, font size, line spacing, etc.**

### Regulations of oral and poster presentation

Presenters are welcome to give speech about the active ingredients and the types of equipment; however, promoting their own products or businesses in general are not allowed.

### Format of 4-6 page-full paper

**Margins: 30 mm each (top, bottom, left and right)**

### **Termite Resistance of New Building Materials (14p bold)**

by

Kunio Tsunoda<sup>1</sup> and Tsuyoshi Yoshimura<sup>1</sup>

<sup>1</sup>Kyoto University, Uji, Kyoto 611-0011, Japan (text in 10.5 p)

### **Abstract (12p, bold)**

Of 21 termite species recorded in Japan, two subterranean termites....(text in 10.5 p)

**Key words (4-6 keywords 10.5p bold):** soil treatment, wood treatment....(text in 10.5 p)

### **Introduction (12p, bold)**

Termites are serious pests.....development somewhat improved the crawl space environment to prevent an invasion of termites into houses (IBEC\* 1998, 1999a, 1999b). (text in 10.5 p)

### **Materials and methods (12p, bold)**

Wood samples were randomly taken from the freshly-sawn sapwood. (text in 10.5 p)

### **Results and discussion (12p, bold)**

(text in 10.5 p)

### **Conclusions (12p, bold)**

(text in 10.5 p)

### **References (12p, bold)**

Author(s) in alphabetical order in reference section.

Citations at appropriate places in the text. (text in 10.5 p)

IBEC 1998 Report on the project to spread foundation insulation method in the fiscal year 1997. 128 pp. IBEC (Tokyo) (in Japanese).

Tsunoda, K. 2003 Economic importance of Formosan termite and control practices in Japan. *Sociobiology* 41(1), 27-36.

Yamauchi, K., H. Ishikura, J. Otake, I. Maeda, A. Kashihara and K. Uechi 1997 Field evaluation of the Sentricon system – confirmation of colony elimination. *Shiroari (Termite)* 110, 2-7. (in Japanese).

## Appendix 4 Preparation and Guidelines for Poster Presentation

The guidelines provided here will assist you in your poster preparation. Please prepare your poster material by your own budget. One-page abstract of the poster should be submitted by **November 1<sup>st</sup>, 2019** to both the Secretary General, Dr. Hou-Feng Li (E-mail: [houfeng@nchu.edu.tw](mailto:houfeng@nchu.edu.tw)) and the Proceeding Editor, Dr. Patho Dang (E-mail: [partho@urbanentomology.com](mailto:partho@urbanentomology.com)) electronically. **Earlier submission is greatly encouraged.** The abstract format is the same as full paper (kindly refer to Appendix 3), with title, author names, affiliations, and abstract content.

### Preparation of a poster

Your poster should be self-explanatory. Author(s) should explain details and discuss particular points raised by the visitor. Presentation by a poster should be visually appealing. Poster should include diagrams and charts, tables and schemes, graphs, photographs and brief written texts like: abstract, introduction, methods, results, conclusions and references. English is the official language for poster preparation.

### Display

1. The standard size for poster is A0, which is 84.1 cm by 118.9 cm.
2. The poster may be printed either in color or black and white.
3. The poster title should go centered in the upper part; in bold, in title case, font size of 60 to 80 points (pts).
4. To prepare the poster, use a simple font like Calibri, Trebuchet, Helvetica, Arial or similar (sans serif).
5. Posters should be readable from a distance of 1 meter. Main text should be of minimum 32 pts. Headings should be 40 to 60 pts. The size of photographs should be of a minimum of 15 by 20 cm. Caption of tables, figures and photographs should be 18 pts.
6. Names of each author and their regular mail addresses should also be included centered below the title. It is recommended to include also E-mail address of the author to whom correspondence is to be directed.
7. Author should remain at the poster site at the time scheduled for poster session in the conference schedule, ready to discuss his/her work.
8. Distribution of personal cards to visitors helps to initiate a conversation as well as a future interaction/communication.

### Standard Size for Poster is A0



## Appendix 5 Travel Fund

The PRTRG Travel Fund has been made available to young scientists since the third conference in Guangdong in 2006. The aim of the travel fund is to assist those who need financial support to participate in the biennial conference of the PRTRG. In 2020, PRTRG will grant two (2) travel funds amounting to no more than USD1,000 each.

### Who may apply

Scientists/students who are working on termites at the universities or other research institutes could apply for the fund. Applicants are requested to present an oral presentation at the conference and also submit 4-6 page-full paper.

Expected financial support: round-trip flight ticket, accommodation fees for three nights' stay and an additional amount to cover ground transportation and meals. The maximum amount reimbursed to each recipient shall not exceed USD1,000. Airfare and accommodation estimate should be filled in the online application form.

### Application Schedule

Application form and recommendation letter must be submitted by November 1<sup>st</sup>, 2019. The results will be announced to the applicants by December 15<sup>th</sup>, 2019.

### Application Materials

1. Complete the online application form. <https://forms.gle/c4mYtjEfvhknj7Rw6>
2. One recommendation letter MUST be emailed to the Secretary General, Dr. Hou-Feng Li (E-mail: [houfeng@nchu.edu.tw](mailto:houfeng@nchu.edu.tw)) by your country representatives listed below. If no representatives for your country, please contact the Secretary General.

### Country representatives

China: Prof. Dayu Zhang [zhangdayu@zafu.edu.cn](mailto:zhangdayu@zafu.edu.cn)  
Hong Kong: Dr. Cheng Shing Kwong, Eric [bsskcerc@um.cityu.edu.hk](mailto:bsskcerc@um.cityu.edu.hk)  
Indonesia: Dr. S Khoirul Himmi [khoirul\\_himmi@biomaterial.lipi.go.id](mailto:khoirul_himmi@biomaterial.lipi.go.id)  
Japan: Prof. Tsuyoshi Yoshimura [tsuyoshi@rish.kyoto-u.ac.jp](mailto:tsuyoshi@rish.kyoto-u.ac.jp)  
Malaysia: Dr. Veera Singham [vee\\_rs@yahoo.com](mailto:vee_rs@yahoo.com)  
Philippines: Dr. Partho Dhang [partho@urbanentomology.com](mailto:partho@urbanentomology.com)  
Singapore: Mr. Steph Chua Yang Peng [stephchua@bentzjaz.com](mailto:stephchua@bentzjaz.com)  
Taiwan: Dr. Kok Boon Neoh [neohkokboon@nchu.edu.tw](mailto:neohkokboon@nchu.edu.tw)  
Thailand: Mr. Suchart Leelayouthytin [suchart.lee@gmail.com](mailto:suchart.lee@gmail.com)

### Other Inquiry

President: Prof. Sulaeman Yusuf [sulaeman@biomaterial.lipi.go.id](mailto:sulaeman@biomaterial.lipi.go.id)  
Secretary General: Dr. Hou-Feng Li [houfeng@nchu.edu.tw](mailto:houfeng@nchu.edu.tw)

### Yehliu Geopark & Yangmingshan National Park

12:50-13:00 Departure from Taipei Zoo

13:00-13:50 Sightseeing through the beautiful northern coastline of Taiwan

13:50-15:30 **Yehliu Geopark**

The Yehliu Geopark (Fig. 1) is one of Taiwan's most well-known natural attractions. It consists of plenty of amazing stones formed by wind and sea erosion, such as the elegant “Queen’s Head,” “Fairy’s Shoe,” “Honeycomb Rocks,” “Tofu Rocks” and ocean ditches.

In fact, the Yehliu Geopark is mainly made up by sedimentary rocks, and over years and years of weathering, the erosion by the wind and waves and the exposure to the atmosphere, the rocks in Yehliu has become the natural wonders standing at the north coast, showing the power of nature.



**Fig. 1. Yehliu Geopark**

**Fig. 2. Flower Clock**

**Fig. 3. Xiaoyoukeng**

16:30-17:00 **Yangmingshan Flower Clock**

The Flower Clock (Fig. 2) is a landmark of the Yangmingshan National Park. It is a large clock made of flowers with a diameter of 22 feet. It’s the first stop that the visitors often make while exploring the Park. The chinoiserie garden, pavilions kiosks, streams, fountains and the elegant buildings bring the visitors back to 1960s, seeing the trend and fashion of the era.

17:20-18:00 **Xiaoyoukeng**

Xiaoyoukeng (Fig. 3) is a post-volcanic geological landscape located on Mt. Qixing's north-western corner. It is approximately 805 meters above sea level and is famed for the fumaroles, sulfur crystals, hot springs and spectacular “landslide terrain” formed by post-volcanic activity. It also offers good views of the northeast coast outside Jinshan town area, and you can overlook the volcanic cones of Mt. Zhuzi, Mt. Datun and Mt. Xiaoguanyin.

18:00-19:00 Heading to the Howard Plaza Hotel Taipei for Gala Dinner. End of the excursion.