



Program Book

2014 International Conference on Smart Green Technology in Electrical and Information Systems (ICSGTEIS)

Towards Greener Globe Through Smart Technology

5-7 November 2014

Bali - Indonesia



Organized by:



Department of Electrical and Computer Engineering
Postgraduate Study in Electrical and Computer Engineering
Udayana University



WELCOME MESSAGE



Welcome to the 2014 International Conference on Smart Green Technology in Electrical and Information Systems (ICSGTEIS), held on 5 – 7 November 2014, in Kuta, Bali, Indonesia. The conference is organized by the Department of Electrical and Computer Engineering and Postgraduate Study in Electrical and Computer Engineering, Udayana University.

The ICSGTEIS 2014 provides forum for international researchers, experts, and students to share, exchange ideas, innovation, experience and the latest research in the field of Smart-Green Technologies. The conference provides opportunity to strengthen collaboration and networking among participants while enjoying the religious atmosphere and the unique traditional culture of Bali.

This conference covers a number of topics, including Energy and Power Engineering, Electronic Devices and Systems, Multimedia Telecommunications, and Software Engineering and Information Systems. All accepted papers have been selected through peer reviewing process. The conference secretariat received nearly 50 submissions and 22 papers have been selected for presentation. In addition to the paper presentations, the conference program also covers plenary lecture, workshop and social events.

I would like to take this opportunity to thank keynote and workshop lecturers for sharing the latest research and development in the area of power cables. I also would like to thank the IEEE Indonesia Section for their continuous support. Many thanks also go to the technical program and the organizing committees, as well as to all the participants. Without your support, this conference would not be possible.

I wish you all have a successful conference.



Professor Ida Ayu Dwi Giriantari
ICSGTEIS 2014 General Chair



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Sun Island Hotel
Kuta, Bali-Indonesia

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TOPICS

Energy and Power Engineering

- High Voltage Engineering
- Electromagnetic Compatibility
- Energy Conversion and Renewable Technologies
- Computer Applications in Power Systems
- Power Electronics and Electric Drives
- Power System Stability and Power Quality
- Smart Grid and Distributed Generation
- Energy Policies and Management
- Power Transmission and Distribution Systems

Electronic Devices and Systems

- Green Material and Electronic Devices
- Biomedical Engineering
- Microelectronics
- Optoelectronics and Laser Applications
- Measurement and Instrumentations
- Intelligent Control Systems
- Mechatronics, Robotics, and Automation

Multimedia Telecommunications

- Multimedia Information Processing
- Vision, Graphics, and Visualization
- Distributed Source Coding
- Computer and Communication Networks
- Electromagnetic and Radio Propagation
- Wireless and Mobile Communications
- Remote Sensing and GIS
- Smart City and Digital Village



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Software Engineering and Information Systems

- Green Software Engineering
- E-Learning
- Computing Algorithms
- Intelligent System Design
- Information Systems and Management
- Mobile, Cloud, and Ubiquitous Computing
- Network Security and Management
- Human Computer Interaction
- Knowledge Discovery in Databases



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ORGANIZING COMMITTEE

General Chair:

- Ida Ayu Dwi Giriantari

Co-Chair:

- W. G. Ariastina

General Secretary:

- N. M. A. E. Dewi Wirastuti

Publication:

- I M. Arsa Suyadnya

Secretariat:

- I. B. Alit Swamardika

Finance:

- N. Budiastira
- I W. Sukerayasa

Sponsorship:

- I M. Oka Widyantara

Local Program:

- I N. Satya Kumara
- I N. Setiawan



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TECHNICAL PROGRAM COMMITTEE

- Linawati, Ph.D (Indonesia – Chair)
- Prof. A Min Tjoa (Austria)
- Prof. Hugh Outhred (Australia)
- Dr. Toan Phung (Australia)
- Prof. Syed Islam (Australia)
- Dr. Maria Retnanestri (Australia)
- H. E. Orton (Canada)
- Prof. Uwe Rehling (Germany)
- Prof. Tsuyoshi Usagawa (Japan)
- Prof. Wei-Chung Teng (Taiwan)
- Prof. Emmanouil M. Tentzeris (USA)
- Yoga Divayana, Ph.D (Indonesia)
- Prof. Ontoseno Penangsang (Indonesia)
- Dr. Yoyon K. Suprpto (Indonesia)
- Prof. Suwarno (Indonesia)
- Dr. Tumiran (Indonesia)
- Dr. Lukito Edi Nugroho (Indonesia)
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- Prof. Gamantyo Hendranto (Indonesia)
- Prof. Rukmi Sari Hartati (Indonesia)
- Prof. Suprpta Winaya (Indonesia)
- Prof. M. Ashari (Indonesia)
- Dr. Asvial (Indonesia)
- Dr. I Wayan Mustika (Indonesia)
- Dr. Nyoman Gunantara (Indonesia)
- Dr. Agus Dharma (Indonesia)
- Dr. Made Sudarma (Indonesia)
- Dr. I M Yulistya Negara (Indonesia)
- Dr. Wayan Nata Septiadi (Indonesia)

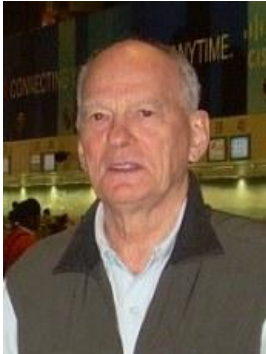


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KEYNOTE SPEAKER

H. E. Orton



Harry Orton, an electrical engineering and applied science graduate of the University of New South Wales and University of British Columbia, first worked at BC Hydro in Vancouver, Canada as an electrical engineer where he helped build one of the largest utility-based research centres in North America. For over 20 years he worked as a specialist in the field of underground and submarine power transmission and distribution cables and accessories, later becoming section supervisor in charge of insulation studies and manager of technical activities.

Formerly a project manager for CEA and EPRI underground cable research projects and chair of the Cable Failure Task Force, Harry now runs Orton Consulting Engineers International Ltd., which is based in Vancouver, Canada and affiliated with the International Consulting Engineers. Harry has published over 60 technical papers and is currently working on the second edition of his book entitled "Long-life XLPE Insulated Power Cables".

Harry is active in the IEEE ICC and the ICPADM as well as a member of CIGRE and a member of the Jicable Scientific Committee located in Paris.

Topic:

Impact of Electromagnetic Fields on Current Ratings and Cable Systems

Abstract:

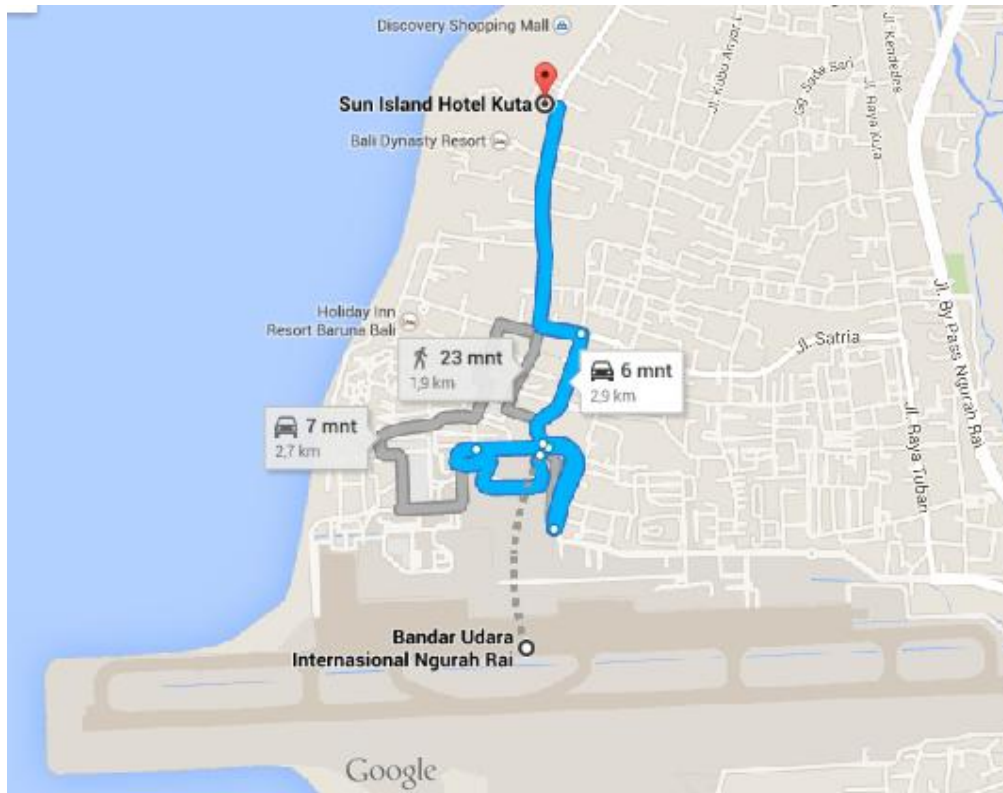
Numerous methods have been devised by electric utilities and various research organizations to manage power frequency magnetic fields levels in the vicinity of underground cable systems. Information is available in CIGRE TB 373, from Working Group C4.204, concerning considerations for implementing the various methods, their impact on construction and their cost effectiveness. However; their impact on cable rating, losses, installation and operational costs needs to be evaluated. In particular, there are differing opinions about the de-rating effects of HV transmission cables placed in ferromagnetic shielding enclosures such as pipes or casings. Past work at CIGRE and elsewhere addressed magnetic field calculation procedures (with and without ferromagnetic components); however, they do not address the current rating reduction of the magnetic field management methods or their practical applications to electric utility systems.

In most cases mitigation measures have disadvantages: either the current rating may decrease or the costs will increase. Some mitigation methods are very cost effective, for example, an optimal choice of the phase sequence for double circuits/systems. The first question to answer is where mitigation is required: to reduce the magnetic field directly above the cable circuit, or to reduce the field to a certain limit at a specified distance from the cable circuit, or to minimize the width of the corridor within which a specified field limit is exceeded.

VENUE

Sun Island Hotel

Jalan Kartika Plaza No. 88, Kuta 80361, Bali – Indonesia



Sun Island Boutique Hotel Kuta offers you its definite impeccable service through the 126 rooms and 8 suites, with a true service of 4 star luxurious hotel where sophisticated contemporary designs meet Balinese traditional architecture and inspire posh amenities. Located in the most strategic location in Kuta, 5 minutes from Ngurah Rai International Airport, 5 minutes walk to the famous sandy Kuta beach, Discovery Mall, Traditional Art market, Waterbom and many restaurants.



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PROGRAM AT GLANCE

Date	Time	Program	Room
Wednesday, 5 November 2014	08:00 – 17:00	Registration	
	09:00 – 09:30	Opening	Saraswati
	09:30 – 10:45	Plenary Session	Saraswati
	10:45 – 11:00	Coffee Break	
	11:00 – 12:30	Technical Session 1	Saraswati
	12:30 – 13:30	Lunch	
	13:30 – 15:00	Technical Session 2	Saraswati
	15:00 – 15:30	Coffee Break	
	15:30 – 17:00	Technical Session 3	Saraswati
	19:00 – 21:00	Conference Dinner	Rooftop Stage
Thursday, 6 November 2014	08:00 – 12:00	Registration	
	09:00 – 10:30	Technical Session 4	Saraswati
	10:30 – 11:00	Coffee Break	
	11:00 – 12:30	Technical Session 5	Saraswati
	12:30 – 13:00	Closing	Saraswati
	13:00 – 14:00	Lunch	
	14:00 – 21:00	Sightseeing Tour	
Friday, 7 November 2014	08:00 – 08:30	Registration	
	08:30 – 10:00	Workshop Session 1	Saraswati
	10:00 – 10:30	Coffee Break	
	10:30 – 12:00	Workshop Session 2	Saraswati
	12:00 – 14:00	Lunch	
	14:00 – 17:00	Discussion / Site Visit	



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TECHNICAL SESSIONS

Technical Session 1

Energy and Power Engineering 1

Wednesday, 5 November 2014; 11:00-12:30

Session Chair: I N. S. Kumara

Saraswati

1. ID 14 **Elimination of Sympathetic Inrush Currents in Transformers Connected in Parallel**
Kartik P Basu, Naeem M Hanoon
Faculty of Engineering, Multimedia University, 63100 Cyberjaya, Malaysia
2. ID 18 **Investigation and Modelling of Sympathetic Inrush Due to Transformer Energization**
H. Abdull Halim, B.T. Phung, J. Fletcher
School of Electrical Engineering and Telecommunications, The University of New South Wales, Australia
3. ID 63 **Modeling and Detection of High Impedance Faults**
Huwei Wu, B.T. Phung, Daming Zhang, Jichao Chen
School of Electrical Engineering and Telecommunications, University of New South Wales, Sydney, Australia
4. ID 12 **Design of Snubber Circuit and PI Control to Achieve Load Independent Output Voltage in Micro Smart Home System**
Didi Istaridi, Andy Triwinarko
Electrical Engineering Department, Batam Polytechnics, Batam, Indonesia

Technical Session 2

Software Engineering and Information Systems

Wednesday, 5 November 2014; 13:30 – 15:00

Session Chair: Linawati

Saraswati

1. ID 78 **Demand and Thermal Aware Approach for Greener IaaS-Cloud Data-Centers**
Nazi Tabatabaei Yazdi, Chan Huah Yong
School of Computer Science Universiti Sains Malaysia, Pulau Pinang, Malaysia
2. ID 20 **The Design of Web Based Academic Information System in Universitas Sains dan Teknologi Jayapura**
Marla S.S. Pieter, Evanita V. Manullang
Information Technology Science and Technology, University of Jayapura, Jayapura, Indonesia
3. ID 42 **Visualization of Indonesian Translation of Quran Index**
Suwanto Raharjo, Khabib Mustofa
Informatics Engineering, Faculty of Industrial Technology, Institute of Science & Technology AKPRIND



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4. ID 22 **Website Content Management Analysis of eGovernment in Bali Province According to the Ministry of Communications and Information Guide (KOMINFO)**
Gerson Feoh, Linawati, Ni Made Ary Esta Dewi Wirastuti
Department of Information Engineering, University of Dhyana Pura Bali, Indonesia
5. ID 23 **Server Log Monitoring Based On Running Services**
Dandy Pramana Hostiadi, Made Sudarma
STMIK STIKOM Bali, Indonesia

Technical Session 3**Multimedia Telecommunication****Saraswati****Wednesday, 5 November 2014; 15:30 – 17:00****Session Chair: N. M. A. E. Dewi Wirastuti**

1. ID 21 **Implementation Dedicated Sensing Receiver (DSR) in 3G - WiFi Offload**
Setiyo Budiyanto, Muhammad Asvial, Dadang Gunawan
Department of Electrical Engineering, University of Indonesia, Depok 16424, Indonesia
2. ID 35 **Study on Feasible Solution of Power Control in Cognitive Radio Networks**
Norma Amalia, I Wayan Mustika, and Selo
Department of Electrical Engineering and Information Technology, Universitas Gadjah Mada
3. ID 31 **Performance Analysis of Packet Scheduling Algorithm for Video Service in Downlink LTE**
Ida Nurcahyani, I Wayan Mustika, and Selo
Department of Electrical Engineering and Information Technology, Universitas Gadjah Mada
4. ID 62 **Unidirectional Motion Estimation Technique With Full Search Algorithm For Frame Rate Up-Conversion Video**
Widya Yuniari, Oka Widyantara, Linawati
Department of Electrical Engineering, Udayana University

Technical Session 4**Energy and Power Engineering 2****Saraswati****Thursday, 6 November 2014; 09:00-10:30****Session Chair: B. T. Phung**

1. ID 61 **Comparison between RC Detector and High Frequency Current Transformer in Measuring Partial Discharge in Liquid Insulation**
Suwarno, Aulia
School of Electrical Engineering and Informatics, Institute Teknologi Bandung
2. ID 75 **Effect of the Distance of Partial Discharge Sensor to Partial Discharge Source on the Attenuation of Partial Discharge induced Electromagnetic Wave in Gas Insulated Switchgear**
Umar Khayam, Zahrina Hafizhah
School of Electrical Engineering and Informatics, Institut Teknologi Bandung, Bandung, Indonesia



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3. ID 77 **New Designed Bowtie Antenna with Middle Sliced Modification as UHF Sensor for Partial Discharge Measurement**
Asep Andi Suryandi, Umar Khayam
School of Electrical Engineering and Informatics, Institut Teknologi Bandung, Bandung, Indonesia
4. ID 44 **Modelling and Numerical Simulation of Multiple One Way Gears Wave Energy Converter to Generate Electricity**
Masjono, Salama Manjang, Zahir Zainuddin, Arsyad Taha
Department of Civil Engineering, Hasanuddin University, Makassar
5. ID 86 **Microhydro Powerplant for Rural Area in Bali to Generate Green and Sustainable Electricity**
Satya Kumara, D.P.D. Suparyawan, W.G Ariastina, W. Sukerayasa, I.A.D Giriantari
Department of Electrical Engineering, Udayana University

Technical Session 5**Joint Track****Saraswati****Thursday, 6 November 2014; 11:00-12:30****Session Chair: Yoga Divayana**

1. ID 19 **Load Flow and Supply Security Analysis of Power System in Tiga Nusa; Before and After the Application of 20kV Submarine Cable**
Dayu Giriantari, I W. Sukerayasa, Y.M.A. Prawira
Department of Electrical Engineering Udayana University, Bali, Indonesia
2. ID 13 **Economic Cost Study of Photovoltaic Solar System for Hotel in Nusa Lembongan**
I.A.D. Giriantari, I.N.S. Kumara, D.A. Santiari
Department of Electrical Engineering, Udayana University, Bali, Indonesia
3. ID 85 **DC Motor Speed Control with Pulse Width Modulation (PWM) Method of Infrared Remote Control Base on Microcontroller ATmega16**
Putu Raka Agung, Syamsul Huda, I Wayan Arta Wijaya
Department of Electrical Engineering, University of Udayana, Bukit Jimbaran, Bali, Indonesia.
4. ID 43 **A Review : Identification of Avian Influenza Environmental Risk Factor using Remote Sensing Image and GIS**
M. Adisty Padmasari, ST., Ir. Linawati, MEngSc., PhD., Ni Md Ary Esta D.W, S.T.,M.Sc.,Ph.D
Magister Teknik Elektro, Universitas Udayana, Denpasar, Bali, Indonesia



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PRESENTATION

Presentation Arrangement

- The formal language of the conference is English.
- All accepted and registered papers will be presented in oral presentation.
- Each presentation is allocated for 15 minutes. Presenters are required to contact session chair before session commences.
- For presentation purpose, a projector screen, LCD projector and a notebook computer with standard software are provided. To avoid possible software incompatibility, it is recommended to bring your own computer.

Name Tag

Participants are obliged to always wear the provided name badge during the conference.

Mobile Phone

The use of mobile phone in the conference room is restricted. Please switch off your mobile phone or put it in silent mode.



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SOCIAL EVENTS

Conference Dinner

Wednesday, 5 November 2014

Time: 19.00 – 21.00

Location: Sun Island Hotel - Rooftop Stage (Weather permit)



The Conference Dinner will take place at **Sun Island Hotel - Rooftop Stage**. The hotel open stage offers a 180 degree astonishing view of west part of Kuta area. You will enjoy traditional Balinese dances while having dinner with a touch of nature sea breeze.

Sightseeing Tour

Thursday, 6 November 2014

Meeting Time: 14.00

Meeting Place: Hotel Lobby

Return Time: 21.00

Destinations:

- Sangeh Monkey Forest
- Taman Ayun Mengwi Royal Family Temple
- Tanah Lot Temple

Sangeh Monkey Forest



A number of temples in Bali are well known for being the residences of monkey population. Name one is the monkey forest in **Sangeh Village**, 21 km away from Denpasar. The resident monkeys are told to be the guardians of Pura Bukit Sari.

Sangeh is the village whose northern part covers about 14 hectares of a holy homogeneity forest of "Pala" trees with hundreds of monkey inhabitants. The legendary story behind the creation of Sangeh Monkey Forest is very much

related to the famous battle of Hanuman, a monkey king and general of holy Rama, and Rawana, the king of wicked giants.

Taman Ayun Mengwi Royal Family Temple



“Taman Ayun” means beautiful garden, located in the village of Mengwi, 18 km west of Denpasar, is indeed one of Bali’s most picturesque temples. The King of Mengwi, I Gusti Agung Anom, built its stately proportioned courtyards and large surrounding moat in the year 1634. Containing both the Royal family ancestral shrines and the storied Meru Shrines to the major deities, Taman Ayun became the main temple for the ancient kingdom of Mengwi.

The huge state temple of Pura Taman Ayun surrounded by a wide moat was the main temple of Mengwi Kingdom, which survived until 1891, when it was conquered by the neighboring kingdoms of Tabanan and Badung. The temple was originally built in 1634 and extensively renovated in 1937. It is very large and spacious, and the elegant moat is an unusual feature. The first courtyard is a large, open grassy expanse and the inner courtyard has a multitude of Merus (multi-tiered shrines).

Tanah Lot Temple



Tanah Lot Temple is located in coastal side of Beraban countryside, Kediri sub district and Tabanan Regency. It is situated in 30 km in west side of Denpasar town and about 11 km in south side of Tabanan town.

The temple is built on the rock with 3 acre size and reachable in a few minute walk, because it is just 20 meters from the coastal lip. It is very famous with a spectacular view of sunset. At some nooks of coral reef around Tanah Lot Temple, there are holy tame snakes in black and white color where according to the local

society believe that it as a deity property and as the guard of the temple from the bad influence.



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HOW TO GET TO THE CONFERENCE LOCATION

The most convenient way to get to the conference venue (Sun Island Hotel) from the airport is by taxi. Taxi stand is available at the arrival area both for domestic and international terminals. It takes approximately 5 – 10 minutes from the airport to the venue, and at a cost of about IDR 70,000. Please note that the indicated fare is for guidance only and may be changed from time to time.

Although most of the taxi drivers in Bali understand English well, sometimes you may find a difficulty to communicate with them. In that case, it may be useful to show the following note to the taxi driver.

Tolong antar saya ke alamat ini:

**Sun Island Hotel
Jalan Kartika Plaza No. 88, Kuta**

In English:

Please take me to the following address:

**Sun Island Hotel
Jalan Kartika Plaza No. 88, Kuta**



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GENERAL INFORMATION

Visa

In accordance with the Regulation of Minister of Law and Human Right of the Republic of Indonesia Number 26, 2013, citizens of 61 countries and 1 region are eligible for obtaining Visa on Arrival (VOA). This visa can be obtained directly when you are landed at the certain airports and seaport in Indonesia, regardless of the purpose of your visit.

The Visa on Arrival is not a Working Visa nor a Visitation Visa. Therefore, it can not be converted to obtain other immigration permits. The maximum stay permitted for the visa on arrival is 30 days. The Visa on Arrival can be extended for another 30 days. For the list of eligible countries, visa requirements and the list of Indonesian airports and seaports with VoA facilities, please visit: http://www.embassyofindonesia.org/wordpress/?page_id=188.

Customs

Generally, Indonesian customs allows a maximum of one liter of alcoholic liquor, 200 cigarettes or 50 cigars or 100 grams tobacco and reasonable amount of perfume per adult. Personal goods up to a value of USD 250.- per passenger or USD 1,000.- per family may also be allowed. Note that bringing weapons, illegal drugs or pornography into the country is prohibited.

Airport Tax

Most of Indonesia airports require departure tax despite many travelers domestic or international would have preferred if it is included in the air tickets instead. The tax must be paid in Rupiah (IDR), so do prepare adequate amount of Indonesian Rupiah before flying out. The amount of the airport tax varies from one airport to another. Per 1 April 2014, a maximum departure tax of IDR 200,000 is levied for travelers on international flights and IDR 75,000 for domestic flights.

Business Hours

Government offices open at 8 am to 3 pm Monday to Friday. Most of shops in Denpasar city centre and other towns close in the afternoon for a siesta (usually 1 pm to 5 pm) and re-open in the evening until about 9 pm.

Climate

With sunshine throughout the year, Bali has a tropical monsoon climate, with pleasant day temperatures between 20 to 33 degrees Celsius. Rainy season starts from October to March, when the West monsoon brings heavy showers and high humidity. June to September is considered the driest season, with low humidity and cool breeze in the evening, the best time for any outdoor activities.



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Currency

Only Rupiah (Indonesian currency) is acceptable at regular stores and restaurants. Certain foreign currencies and major credit cards are accepted by most hotels, restaurants and souvenirs shops.

Per 1 October 2014, EUR 1 (Euro) equals to about IDR 15,688 (Indonesian Rupiah) and USD 1 (US Dollar) is about IDR 12,289. There is no guarantee that the rate will be equal from one money changer to another. Please ask the person at counter desk before proceed.

Traveler's Check and Credit Cards

Traveler's checks are accepted by leading banks and hotels in principal cities. The use of traveler's checks in Indonesia is as popular as in any other countries. Dinners Club and American Express, Visa and Master Card are widely accepted at hotel, department stores, shops, restaurants and night clubs.

Electricity

The electricity in Indonesia is 220 volt at 50 hertz.

IDD (International Direct Dialing)

Country Code = Indonesia: +62
Area Code = Denpasar: +62-361

Transportation

Because the island is relatively small, it is not difficult to get around Bali by various modes of transportation. The traditional types of transportation to the high class limousine are available however; traditional transportation may be inconvenient for some visitors.

If you plan to explore Bali in half day or full day trip, the best way is hiring a car with the driver. The average rate varies depending on the type of the vehicle. There are many independent car rentals around the island. If you wish to have better services, you may ask your Travel Agent. You also can hire a tour guide of your own language.

The other possibility is to rent a self drive car. An international driving license from your own country is required. This rule is also applicable for motorbike rental. A safety helmet is a compulsory when riding a motorbike. Meanwhile, bicycles are normally available for rent at the hotels.

Taxi is the most efficient and convenient transportation to travel around Denpasar and nearby destinations. A number of taxi companies are listed as follows:



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No.	Company	Telephone Number (+62 361)
1.	Bali Taksi (Blue Bird Group)	701111, 701621
2.	Koperasi Taxi Ngurah Rai	724724, 724725
3.	Komotra Bali	499449, 499468
4.	Koperasi Jimbaran Taxi	709801
5.	Koperasi Wisata Nusa Bali (Kowinu)	771661, 773030
6.	Wahana Dharma Taksi	244555



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MEDICAL SERVICES AND HOSPITALS

Ambulance Service: 118

- **Sanglah General Public Hospital**
Jalan Diponegoro, Denpasar
Tel: (+62 361) 227911

- **BIMC Hospital Kuta**
Jalan By Pass Ngurah Rai 100X, Kuta
Telephone: (+62 361) 761263
Fax: (+62 361) 764345
E-mail: info@bimcbali.com
URL: <http://www.bimcbali.com/>

- **BIMC Hospital Nusa Dua**
Kawasan BTDC Blok D, Nusa Dua
Telephone: (+62 361) 3000 911
Fax: (+62 361) 3001 150
E-mail: nusadua@bimcbali.com
URL: <http://www.bimcbali.com/>

- **SOS Medika Klinik Kuta (International SOS)**
Jalan By Pass Ngurah Rai 505X, Kuta
Telephone: (+62 361) 710505
Fax: (+62 361) 710515
Email: sos.bali@internationalsos.com
URL: <http://www.sosindonesia.com/Default.aspx?tabid=56>

- **Ubud Clinic (24 Hour)**
Jalan Raya Campuhan No. 36, Ubud
Telephone: (+62 361) 974911
Fax: (+62 361) 974910
Email: ubudclinic@yahoo.com
URL: <http://www.ubudclinic.baliklik.com/>



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FOREIGN REPRESENTATIVE OFFICE

- **Consulate Office of Australia**
Jalan Tantular, Renon No. 32 Denpasar, Bali-80324
Tel: +62-(0)361-241118; Facsimile: +62-(0)361-241120
- **Consulate Office of Brazil**
Jalan Raya Legian No. 186, Kuta-80361
Tel: 62-361-757775; Fax: 62-361-751005
- **Consulate Office of Chile**
Jalan Pengembak Gang 1, No. 3, Sanur-80227, Bali, Indonesia
Tel: 62-361-281503; Fax: 62-361-285216
- **Consulate Office of the Czech Republic**
Jalan Pengembak 17, Sanur
Tel: 62-361-286465; Fax: 62-361-286408
- **Consular Agency of France**
Jalan Mertasari Gang II, No. 8, SanurKauh, Denpasar.
Tel: 62-361-285485; Fax: 62-361-286406
- **Consulate Office of Germany**
Jalan Pantai Karang 17, Sanur, Denpasar.
Tel: 62-361-288535, 62-361-288826; Fax: 62-361-288826
- **Consulate Office of Hungary**
Jalan Bypass Ngurah Rai No. 219, Sanur
Tel: 62-361-287701; Fax: 62-361-735232
- **Consulate Office of Italy**
Lotus Enterprise Building
Jalan Bypass Ngurah Rai, Jimbaran, Denpasar
Tel: 62-361-701005; Fax 62-361-701005
- **Consulate Office of Japan**
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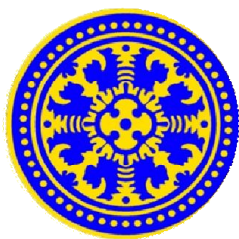
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Department of Electrical and Computer Engineering
Faculty of Engineering, Udayana University
Jl. PB Sudirman, Denpasar
Bali – Indonesia
Tel/Fax: +62-361-239599
Email: icsgteis2014@unud.ac.id
Alternate Email: icsgteis2014@gmail.com



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