# Present by:



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**Proceeding** 

CARE



(Care About Risk and Environment)

2nd International Conference

"Risk Reduction with Environmental Management"

Universitas Ngurah Rai, Denpasar-Bali

15<sup>th</sup> November 2014

# **Proceeding**



"Risk Reduction with Environmental Management"

Universitas Ngurah Rai, Denpasar-Bali 15th November 2014

## Speech from Chairwomen of CARE 2<sup>nd</sup> International Conference Universitas Ngurah Rai Denpasar Bali, Indonesia

Dear Conference Participant and Special Guests,

Please allow me to welcome you sincerely on the occasion of CARE (Care About Risk and Environmental) 2<sup>nd</sup> International Conference. The conference bears the title "The Risk Reduction with Environmental Management". This special occasion is highlighted by the fact that we need to think and research about how to reduce the risk of the disaster by the effective plan of preparedness prevention and mitigation with the environmental management.

The idea of CARE was proposed by Prof. Paola Rizzi from University of Sassari, Italy. We met in ISAGA summer school held by Ritsumeikan University in Kyoto, Japan on August 2013 and then on March 2014, she invited Universitas Ngurah Rai together with Disaster Management Officer Province of Bali to attend the workshop in Alghero, Sardinia, Italy.

The cooperation aim is to exchanging Knowledge, practices and experiences on environmental risk prevention and managing in order to be integrated with the issues of public affairs.

We have the honour to have all the participants to this special event especially for Prof. Rizzi who

Also we would like to express our appreciation for our great supporter for this special event from:

- Disaster Management officer Province Bali and all regencies (BPBD)
- Popo Danes Architect

help us a lot to make this event happened.

- Indonesian Agency for Meteorology, Climatology and Geophysics (BMKG) Bali
- Green School Bali.

We will keep this pace and will continue to develop the University and become a model of the institutional environment in Bali and Indonesia.

Thank you

Nyoman Diah Utari Dewi

### Speech from Director of Post Graduate Program Universitas NgurahRai, Denpasar Bali, Indonesia

Dear all participants,

On behalf of Ngurah Rai University, we would like to thank you for attending this conference. As we all know, the development of a region will impact on environmental load. In the long run, if we exploit it continuously without making conservation, the disaster will be happen. So, it is our responsibility to do something for coping with those condition.

Based on our effort for contributing on disaster mitigation, in cooperation with Bali Disaster Mitigation Bureau, Post Graduate Program of UniversitasNgurah Rai conducted this conference. This conference happaned because of under the guidance Prof. Paola Rizzi from University of Sassari Italy. Therefore we would like to express our special thankful for Prof. Paola Rizzi.

In conjunction with the theme of our conference regarding The Risk Reduction with Environmental Management, actually UniversitasNgurahRai since 1979 (Nineteen Seventy Nine) using the symbol of Philosophical concept of Tri Hita Karana or Three Causes to Prosperity. This concept brings together the realms of The Spirit, The Human World and The Nature. Tri Hita Karana is credited for the island's prosperity as a whole, its relatively stable record of development, environmental practices, and the overall quality of life for its residents.

If we want living harmonize, we should maintain our environment and always do hard effort to minimize negative impact of development on environmental destruction. Through this conference, we would expect there are many solution resulted for us to achieve this goals.

Finally, we would like to thank you for all presenters to share your paper in this conference. Have a nice conference.

Thank you.

Nyoman Suartha

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## DEVELOPMENT AND ENVIRONMENTAL MANAGEMENT IN INDONESIA APPROACH TO SOCIAL AND RELIGIOUS (Case Studyin Bali)

By: I Wayan Kandi Wijaya
Faculty Economic Ngurah Rai University, Bali

#### Abstract

Every country in the world, both developed and developing countries can not be separated from the construction carried out in order to improve the live lihoods of communities. In the implementation of such development is unavoidable impacts of development it self which carries a risk to human life and the environment. Efforts are made in reducing the risk of adverse environmental community tends is through environmental management (Environmental Management). Indonesia has made sustainable development, including the development of environmentas an elaboration of Agenda 21,1992 in Riode Janairo in support of the United Nations Programmein tackling climate change and global warming as a result of neglected environmental problem. Bali as one of the islands of the 5,600 islands in Indonesia, has a special at traction for the tourist destinations in the world. Bali's imageas global with many designation, as an island paradise, and so on, as one of supporting the country's foreign exchange and economic support of Bali. In defending its existence as a tourist destination, Bali has made sustainable development programs Bali Sustainable Development Project (BSDP), in order to support the development plan of 1994. Public participation in order to at temptto save the environment, using a social approach-religious through the concept of Tri Hita Karana, as a solution reduce the risk of adverse environmental impacts people of Bali.

Keywords: sustainable development, the concept of tri hita karana,

#### I. Introduction

Indonesia is among the countries in the world to implement sustainable development based development. The complexity and uncertainty of coloring the impact of the development undertaken. Sustainable development is defined as development that seek the fulfillment of the needs of the present without compromising the ability of future generations to meet their needs. (WCED, 1987, In Soemarwoto, 21012: 14).

In implementing sustainable development is directed to the four factors derived from Agenda 21 held in Rio de Janairo in 1992. Whether we realize it or not that development we need to address many issues, including environmental issues, but experience shows, development can be and have been having an impact negative.

(Soemarwoto, 2009: 13).

In the implementation of such development, including the development of environmental management. Various risks and the inevitable impact on the development carried out, for example in Mesir, dam construction resulted in a decrease in fish production, a decrease in soil fertility along the river. (WHO, 1983). Development of water resources lead to health problems, the construction of a car plant, resulting in air pollution occurs in big cities, Jakarta, Badung, Surabaya, Medan (wordl Bank, 1994). Lapindo projects, such as drilling results in the case mudLapindo earth that destroy the environment and human settlements in East Java Sidoharjo, Dredging and beach hoarding Serangan Bali, resulting in the destruction of coral reefs and marine habitats demise of Bali,

and the occurrence of coastal erosion and coastal areas of South Bali, East, West, North, especially along the beachsuch as Sanur, Padanggalak, Masceti, Lebih, Watuklotok, Klungkung Candidasa, Tanah Lot in Tabanan, even expected on the north coast of Bali beaches such as the beach in Singaraja. Tourism development in the coastal area of the beach, into the issue of economic loss of income received by the fishermen at least during the construction carried out. Tourism development in coastal areas do not conflict with the surrounding conditions such as the construction of the port of loading and unloading the fish. (Fandeli, 2012: 82)

The impact of the implemented development environment will poserisks-risks such as, loss ofmanagement rights, loss ofincome(economics), the incidence of problems such as the socio-cultural is sueswill divide, the rise of poverty ands o on. It is nescessary to conducted ad equate environmental management to reduce therisks that may occur, which can be detrimental to society. By doing sustainable environmental management (ongoing) will be able to reduce the risks that would occur in Indonesia and Bali in particular.

In the early exposure to books Environmental ethical theory, Ginting argued that the environmental crisisfacing modern manis a direct result of the environmental management of non-ethical, without based one thical values and moral environment or the environment. This means that humans perform management of natural resources with out concern for the role of ethics, resulting in a decrease of natural resourcesis able to provide. (Ginting, 2012:1)

Various attempts were made in the management of the environment, efforts were made adapted to the environment in which the community can impact the perceived society. Seeing what happened to the Indonesian people are very in trogin, consisting of varioustribes, beliefs, culture, customs, the approach can be done in managing the environment is in many ways. In such environments management one approach taken by Adaptive way, as a way of

testing through adaptation to the environment in trogin society. While in Bali beside susing such an approach there is a unique one approach religious rites, because it has a unique environment. Bali is full of radiant energy purity, so that according to Balinese belief, what ever approach is carried out is done through religious rituals, since Bali is an island of a thousand temples, and Bali is an island paradise, which became one of the attractive destinations for tourists in the world.

# II. Environmental management challenges and obstacles and solutions

There is a factor of complexity and uncertainty in environmental management, providemany challenges and obstacles for decision maker sand analysts, and environmental resources. Some of the challenges and obstacles faced in environmental management such as: (1) The challenge of interent community, who wants them toremaininits original environment, free from the pressures and government policies, foreign, (2) the challenge of cultural, social, political and economic, (3) the development of new knowledge and tekologidifficult to acceptcommunity. While the obstacles facedareas follows: (1) Procedures between therelevant departments, (2) . Human resources which will manage Environment, (3). Budget financing. Challenges of natural resource management and the environment in the future is certainly not out of the various changes that occur, whether at the global, national, local. At the National level and local Indonesia faces serious problems with the management of natural resources and the environment, there has been achange of the land use ekstensip with multiplier impacts such aserosion, sidementasi, impoverishment of soil fertility, decline in agricultural productivity, floods, landslides, droughts and fires. And that is a big concern of the world today is there has been achange in the global climate and global warming that is feltby the people of the separts of the world.

Emil Salim, (In Arsyad, 2012: 248) argues that Indonesia faces five challenges of adaptive

management of natural resources is called the WEHAB Challanges: (1) Water: Floods and Drough tinrainy season in dryseason, (2) Energy: tostrive for low carbon and clean energy, (3) Healht: Unset tledold with new emerging diseases, (4), Agriculture: Changes info odproduction, (5), Biodiversity: degradation of eco-systems.

Various environmental impact management applied methodically, one of which is adaptive management. Adaptive management is an approach to natural resource policies that contain simple coercion; policies are experiments; learn from them.....by linking humanitarian purposes and science, adaptive managementis away forustoachieve sustainability in the future.(Lee, 1993:9, in Mitchell: 223)

### III. Sustainable developmentand Environment

In concept that sustainable development is the Brundtl and Commission quoted from a World Commission on Environment and Development called Commission on Environment and Development is a development that can meet the needs of the present without compromising the ability of future generations tomeet their needs.

The concept of sustainable development was popularized in the report Our Common Future, prepared by the commissions world body known as the Brundtl and Commission which has the task of: 1) a long-term strategy to achieve sustainable development that began in 2000 was declared. 2). mengidentifikasi how human relationships, resources, environment and development can be integrated in national and international policy. Almost with in a period of 14 years ago, two main task shave been implemented.

Twokey concepts contained are: 1) about the needs, especiallythe needs of the poorin developing countries, 2) is about the limitations of technology and social organization related to the capacity of the environment to meet the needs of the present and future.

The basic principles of sustainable development are taken from Robinso net al, are:

A. Principles of environmental/ecological, containing points, protecting the life support systems, protecting and improving biotic diversity, maintain and improve the integrity of ecosystems, developing and implementing preventives trategies to respond to the threat of global environmental change.

B. Principles of socio-political barriers include environmental/ecological and socio-political contains political point of implementing an open political process at the level closest to the situation, and give confidence to the people, the importance of community participation and political-economic system, free from economic pressure, and reassure the public at a minimal level of equality, and social justice.

The main emphasis of sustainable development in developed countries is more on how to combine economic and environmental considerations decision making. And the great attention given to cross-generation, regardless of competitiveness. While in developing countries, with establishment of a more sustained stress to the fulfillment of basic human needs to day, as well as ensure continuity of economic development. (Mitchell, 2010:31-48).

In regard to the environment and development, Soemarwo to argued that: Development is always cause changes in the environment, in part from changes in the environment that it was already planned. Problemsarising from the construction program, but not much morethana side effect of development. (Abdurrahman, 1990:15)

### IV. Environmental management in Indonesia, and Bali to approach religion as a social and environmental impact of riskr eduction solutions

Before looking at how sustainable development Bali, let uslook at an Indonesian view to wards sustainable development quoted from Salim, 1988:V, having said that, as a developing country Indonesia face the need to start sailing while the vesselis being made. This means that Indonesia does not have too long towait, the speed of the arrival of the

environmental is sues to be resolved. That piece of sentences that have meaning and significance when looking at problems in environmental management in Indonesia.

Programs and environmental management strategies in Indonesia is based on the idea ofs ustainable development asset out in the document produced Agenda 21 Indonesia Summit Earth (Earth Summit) in Riode Janairo in 1992. Agenda 21 is grouped into four important points: 1) community service, 2) waste management, 3) management of landre sources, 4) management of natural resources. (Mitchell, 2010:62-63).

Community serviceis basically implementation socio-economic and sustainable development, and therefore the focus of sustainable development and environmental management should be directed to the socioeconomic dimension, including such aspoverty eradication, changing patterns ofproductionandconsumption, population dynamics, management and health improvement, construction of residential housing and the global trading system, economic instruments and integrated environmental and economic balance, without neglecting other dimensions.

More specifically, waste management directed to the human environmentas a whole, including, (1) the protection of the atmosphere, (2) management of toxic chemicals, (3) management of hazardousandtoxicwastes, (4) management of radioactive waste, and 5) management of solid and liquid wastes.

Management of soil resources, with consideration that the process of sustainable development launched in Indonesias till relies on the resource potential of the land, and therefore sources contained there in such as water, biota, and others must be managedwell. Program formulation including, the arrangement of soil resources, forest management, agriculture and rural development, water resources management.

In the management of natural resources that have been formulated (1) conservation of biological diversity, (2) the development of biotechnology, (3) the integrated management of coastal and ocean, (4). Thus, the necessity to maintain biodiversity for the benefit not only for Indonesia, but for the benefit of the wider world, because it isasingle ecosystem.

Management efforts is emphasized not only for the short term but in the long run through acontinuous process under taken pembangunan Indonesia. That is a blueprint aspects of sustainable development, announced Indonesia based on Agenda 21, Rio de Janairo. Well how about Bali. As we know that Indonesia consists of 13,000 islands there in, including Bali asone of the provinces in Indonesia, has an area of 5,600 square kilometers is the famous island in the world by having various names, suchas the island paradise of Bali, Bali as the island of a thous and temples, its in habitants are friendly and many image at tached to it.

Bali is a part of Indonesia has the famename, has exceptional imaging in the field of tourism. Bali has a Hindu majority population, is famous for its culture and customs. In the 1970 sthe majority of Balinese are farmers, natural green rice fields, the people friendly, unspoiled environment, agriculture-oriented economic structure and rely on tourism.

In an effort to build Bali according to the demands and interests, tourism is expected to growand thrivein the era of the 80's to boost the life of the community, and the national interest toincrease foreign exchange, when a decline in oil revenues. Many of the challenges faced within the framework of sustainable development of Bali, while integrity is rooted in Hindu culture and physicall and scapeis maintained.

The concept of development of the government of Bali wearfive-year plan to do the construction. In 1989 an initiative coorporation between universities in Bali, Java, and Canada, affluent and Central Government, including social agencies, which is named after the Bali Sustainable Development Project (BSDP) oran ongoing project to Bali, is expected to provide puts for sustainable development to Bali for a plan Five construction of 1994 to 1999 (p. 55) ...

After achieving peak performance of tourism in Bali, in the era of 2000 as the foundation for the economy of Bali, Bali's myriad problems facedunavoidable, such asenvironmental management that is not in accordance with the blueprintlaunched by the center, the issue of population and urbanization, socialissues, security (their bombs Bali I, II,2002, 2005), degradation of culture, customs and traditions conflict with the drivers of economic competition foreachvillagein the area of customs, and so on.

The problem appear around eachl and management of agricultural land into a tourist at tractionis, when the land in Bali's rice fields and abandoned generation owner of agricultural land in the process, because it is more interested in the world of tourism is more promising, resulting inmore and more are as of Bali to misshis spirit, over time erode the attractiveness Bali as a tourist destination in the world. Dominant environment such as Bali, space (agricultural areas, sea and beaches, around the islands of Bali, a rural area, regions acralization, profaneregions as areas of life of the population, settlement, watershedstreamsempty space, urban environment, religion, cultureand customs) of the future become aserious problem for Bali and Indonesia, need serious attention and needs to be guarded existence as the capital of Bali and Indonesia and even the world though.

Sustainable development efforts are morefoc used on the management of the human environment Bali still held, with reference to the concept of Tri Hita Karana, which implies arelationship of harmony and balance three, man and God, man's relationship with the human family and the human relationship with the environment. Human life is highly dependent on natural conditions and environment, and there fore sustainable development continue to be integrated and coordinated without ignore Bali interest in broader spec, not solely from purely economic issues. Like the case of Benoa Bayreclamation plan prolonged polemics today. Benoa Bayreclamationplan with strategic location for the development of tourism, which

has the natural resources of the sea with its ecosystem, not be seen from the purely economic aspects, butrather to balance the environmental aspects of the Bali Nature and Indonisia, the world in general.

When you see the program preceding the Bali Sustainable Development Project, which has decided that determine sustainable development for Bali must match the population's life environment. The result is that the sustainable development of Bali include: (1) notonly sustainable natural resourcesas a basis for life support, butal sofocus on: (1) cultural resources (values and the legend, intoreligious ceremonies and structure, (2) does not sustained only production, but sustainable culture it self, althoug hits natureis dynamic. There fore the setwo points become so important to the direction of sustainable development in Bali that definition can be formulated and focused on: (1) natural sustainability resources and production, (2) Culture sustainabilty and the balance in the culture, (3) development of aprocess to improve the quality of life. (Martopo and Mitchell, 1995 a: 20, in B.Setiawan 2012:55).

Balinese Hindu community efforts in taking part in the environment and save natural done through religious rites, such as the ceremony "pengatag" as a ritual to pray for the safety of the plant and the environment wide more.

Then the Ceremony of Hindu people of Bali have in herited, such asceremonial"ngusaba" in an effort to save and preserve the integrity of Nature, soil and environment of Bali is of tendone. According Arwati ... the world and everything in it that had been depositedby The God (Ida Hyang Widhi Wasa) to humansare creatures of his creation of the most perfect and prime existence, ata time when human trials will getless harmonious receive, mainta in and care for it physically and spiritually. Ngusaba ceremony as the instructions to redeem negligence protecting nature through ritual ceremony Ngusaba as salvation for the villages and land's, .....all of this to try to harmonize the relationship between man with God, with manand man's relationship with their

environment called Tri Hita Karana. (Arwati, 2007:1-2).

### V. Conclusions and Input

In conclusionstated that the environmental management in Indonesia oriented elaboration of Agenda 21, the Riode Janairo, more focused on the technical aspects, sociological, relying on sustainable development held in Indonesia. While in Bali Environmental management relies on the spirit of sustainable development project ever under taken in cooperation Bali Sustainable Development Project, one of them withre ligious social approach through religious ritesable to make the environmental balance of Bali and Indonesia in general.

Inputis: In the environmental management needs to pay attention to the integrity of its ecosystem and the social conditions of the community.

#### References

- Abdurrahman, 1990. Pengantar Hukum Lingkungan, Bandung: PT.Citra Aditya Bakti.
- Arwati, Sri, 2007. Upacara Ngusaba Desa, Denpasar: -
- Arsyad, Sitanala & Ernan Rustiadi, Penyelematan Tanah, Air dan Lingkungan, 2012. Jakarta: Buku obor

- Ginting I, Suka, 2012. *Teori Etika Lingkungan*, Denpasar: Udayana University Press.
- Fandeli, Chafid, 2012. Analisis Mengenai Dampak Lingkungan Pembangunan Pelabuan, Yogyakarta: Gajah Mada University Press
- Hadi P, Sudharto, 2014. Bunga Rampai Manajemen Lingkungan, Yogyakarta: Thafa Media.
- Koentjaraninggrat, 1990. Pengantar Ilmu Antropologi, Jakarta: PT.Rineka Cipta
- Mitchell, Bruce, B. Setiawan, Dwita Hadi Rahmi,2010. Pengelolaan Sumberdaya dan Lingkungan, Yogyakarta: Gajah Mada University Press.
- Soemarwoto, Otto, 2009. Analisis Mengenai Dampak Lingkungan, Yogyakarta: Gajah Mada University Press.
- Kelly Sims Gallagher, Erich Muehlegger, 2010. Giving green to get green? Incentives and cunsumer adoption of hybring vehicle technology, Journal of environmental Economic and Management.
- M.s. reed, L.C. stringer, I. Fazey, A.C. Evely, J.I I. J. Khruijsen, 2014. Five principles for the practice of knowledge exchange in environmental management, Journal of enviroental Management.

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#### III. Kursus dan Pelatihan:

- Pelatihan KewiraUsahaan Bagi Klompok Stregis di Bali, UNUD, 1996
- 2. Kursus AMDAL Tipe A UNUD, tahun 2000
- Penataran Calon Penatar Tingkat Propinsi Bali, diberikan oleh Gubernur
- Kepala Daerah Tingkat I Bali "Prof.DR.Ida Bagus Mantra, 1987 4.
- 5. Kursus Praktisi Agama Hindu dan Kepemangkuan, Dharma Acarya 2004/05
- 6. Workshop ImplementaiKepres 18 Tahun 2000 LPJK Bali
- 7. International Work ShopIn Asia (4 day), INKINDO 2009
- Workshop, Infrastruktur Development and Globalization The Rule of Consultants InDeveloping Countries, 2003
- 9. PelatihandansosialisasiPenanggulanganKorupsi, Bali, 2003
- Reviewer Training Tahun 2012
- Pembicara Workshop Mempersiapkan diri Sukses dalam Pendidikan dan Bisnis Tahun 2013

#### IV. KaryaTulis / Penelitian :

### Karya tulis tidak dipublikasikan (ditempatkan diperpustakaan):

- ProspekInvestasi di Bali
- 2. PedomanPenganteb ,Mecaru, MelaspasWewangunan
- PedomanPenganteb di PuraPuseh
- ProsedurPembukuanPada Perusahaan Kontraktor
- Performance Perusahaan kontraktordan Supplier
- Pengembangan Usaha PeernakanItik di Bali
- 7. Diversifikasi Usaha dalam meningkatkan Omset
- Akuntansi Pertanggungjawaban Pada KUD (ISBN)
- Tulisan di beberapa Majalah ilmiah dan populer
- Karya Panca Bali Krama dari konsep Ngayah
- 11. Buku Pedoman Pendidkan berorientasi pada life skill SLBKlungkung 2007
- 12. Buku Tarif Rumah Sakit Umum Daerah Klungkung 2008
- Buku Laporan Penelitian Conservasi Pantai Bali Beach Sanur
- Manajemen Karya Agung Panca Balikrama di Pura Besakih dan Implikasi Terhadap Kehidupan Sosial Ekonomi Masyarakat Besakih KabupatenKarangasem

#### Hasil Penelitian : di Publikasikan (ISBN)

- Budaya konsumen Sebagai Strategi Penguasaan Pasar (2009).
- Studi Kelayakan Investasi Kamar VIPRSU Dharma Yadnya Denpasar(2009
- Pelaksanaan Fungsi Fungsi Perusahaan Pada Usaha Counter HP diDenpasar (2010)
- Pola Tarif RSU KabupatenKlungkung (2010)

- PosisiTeologisAgama Buda Tantra (2010)
- Pengembangan Industri Pariwisata Bali,sebagai daya Tarik sekaligus ancaman keseimbangan Bali(Perspektif sosial-ekonomi) 2012
- 7. Karya Agung Panca BaliKrama dari Perspektif Manajemen Keuangan, 2012

#### VI. RiwayatPertemuanIlmiah

- Advance Aplication Workshop Heart and Health (Padmajaya Foundation 2009)
- 2. LokaKaryaHasil-hasilPenelitian /KaryaIlmiah LPPM UNR 2009
- Seminar Hakekat Keilmuan Ilmu Agama dan Kebudayaan ,Pasca Sarjana UNHI (2010) 3.
- Seminar Akdemik Tema: Pembagian Kerja Dalam masyarakat FE UNR 2010. 4.
- Pemakalah, dalam Seminar Nasional Hasil Penelitian 2012, STIETriatma Muliah, Jumaat 12 Oktober 5. 2012

#### VII. RiwayatPenghargaan

- Sebagai Nara Sumber, Seminar Akademik Mahsiswa Di Lingkungan Kopertis Wilayah VIII, Koorditor, 1994
- Sebagai Peserta "Diskusi "Sosrobahu Suatu Penemuan dalam alternatif Pembangunan Bali oleh DR.Ir.Tjok.Raka Sukawati, 1995
- 3. Sebagai Ketua Pelaksana Penataran Kode Etik Profesi Anggota Inkindo Bali, DPP Inkindo, 2004
- Participant, Workshop "Infrastructur Development and Globalization The Rule Of Consultants In Developing Countries, TCDPAP Confrence 2003
- SebagaiPesertaSem.Nasional "StrategiPengembanganPendidikanTinggidalamPersaingan Global, 5. diberikanolehKetua APTISI Pusat, 2004
- SebagaiPeserta "SpritualRettreat "diberikanolehPadmajaya Foundation, 2003/04 6.
- 7. SebagaiPesertaKursusKepemangkuan, diberikanolehYayasan Dharma Acarya Denpasar, 2005
- 8. Sebagai Personal Master, Reiki Tummo, diberikan Oleh Padmajaya Foundation, 2003
- 9. Sebagai Team Juri Guru Berprestasi PLB/PKH Prop.Bali, diberikan oleh Kepala Dinas Pendidikan
- 10. Sebagai Pengawas Koperasi 2002-2006, INKINDI BALI, 2006
- 11. Sebagai SC dan OC, MuspropInkindo Bali, DPP Inkindo, 2006
- Sebagai Pengurus Yayasan Pembangunan Indonesia Prop. Bali 2007
- 13. Advance Application Wrkshop "Hear and Healt "diberikanoleh Padma Jaya Foundation, 2007
- Sebagai Moderator Seminar MeracikPeluangBisness, PanitiaPelepasanEkonomi UNR, 2008
- 15. Sebagai Peserta Seminar" Meracik Peluang Bisniss di Saat Krisis, Oleh Dekan Fak. Ekonomi UNR,
- 16. Sebagai Nara Sumber Penyusunan Program KTSP di SMP Sila Dharma Denpasar, 2008
- Sebgaia Peserta Loka Sabha III PDHB Kota Denpasar, 2008
- Sebagai Pendaping Nara sumber, Pelatihan Serati, Kerjasama PDHB Prop.Bali, 2009
- 19. Piagaman Penghargaan, Kegiatan Serasehan Panca Bali Krama dari Universitas Hindu Indonesia Thn 2009
- Sebagai Peran Serta dalam Pelaksanaan Karya Agung Tawur Panca Bali Krama lan Ida Bhatara Turun Kabeh di Pura Agung Besakih, diberikan oleh Gubernur/Setda Propinsi Bali, 2009
- 21. Sebagai Peserta Diseminasi Hasil Penelitian" Kebij Pro Plurer dan KeadilanGender, diberikan oleh Ketua LSM Bali sruti dan Ketua LPPM UNR, 2009
- 22. Sebagai Peserta seminar Pengentasan Kemiskinan Kabupaten Gianyar, diberikan oleh Ketua Program Pasca Sarjana UNUD, 2009
- Sebagai Peserta Seminar "Hakekat Keilmuan Ilmu agama dan Kebudayaan, diberikan oleh Direktur Program Panca Sarjana UNHI, 2010
- Sebagai Lulusan Terbaik Program Doktor, Wisuda Sarjana ke 41 Universitas Hindu Indonesia, 2012

#### VIII. RiwayatPengabdianKepadamasyarakat

- Pengadian Pada Masyarakat Desa Nyalian Barjarangkan Klungkung 2009
- PelatihanKepemangkuan (pendamping) 2009
- 3. Pengadian Masyarakat dengan Univ Ngurah Rai di Desa payangan Gianayar 2010
- 4. Kuliah Aplikatif Terpadu 2011
- Pengabdian Kepada Mayarakat, pada KAT, Pemberdayaan Masyarakat Miskin di Kecamatan Manggis, Kabupaten Karangasem .2012

#### IX. RiwayatJabatan/Pangkat

- Asisten akhli Tahun 1988/ III/a
- AsistenAhliMadyaTahun 1989
- 3. LektorMudaTahun 1992
- LektorMadyaTahun1994
- LektorTahun 1997
- LektorKepalaTahun 2006-sekarang
- Pangkat terakhir: IV/b Tahun 2007

#### X. RiwayatPekerjaan

1978AsuransiBumi Putra Denpasar

1979.PT.Widyadara Denpasar

1980.CV.Sumber Jaya Kontraktor

1989 CV.Sumber Jaya Kontraktor

1984-1989 Guru SMP Sila Dharma, dan SMA Sila Chandra Gianyar

1986-sekarang Dosen Fakultas Ekonomi Univ. Ngurah Rai Denpasar

1988 Komisaris Surya Merta Dstributor

1993- 1999 Komisaris PT.Natha Karya Indah Nusantara

2000- Sekarang Kuasa Direktur PT. Natha Karya Indah Nusantara

1994-2002 Internal Auditor PT. Tunas Jaya Sanur Kontraktor

2003-sekarang Internal Auditor Mimba Jaya Sanur

2006 - sekarang auditor PT. Megatama Group

1980-1990 Bendahara Yayasan Putra Budaya

1989-2000 Pembantu Dekan Fak. Ekonomi Univ. Ngurah Rai

2001-2004 Bendahara Yayasan Pengembangan Inkindo Bali

2001-2006 Team Auditor Inkindo Bali

2001-2005 Dekan Fakultas Ekonomi Univ. Ngurah Rai

2005-sekarang Ketua Yayasan Bali Nurani Sejati

2005-sekarang, Ketua Yayasan Putra Budaya Kesiman Kertalangu

2006 Anggota Tean Penliti Konservation Project Pantai Bali Beach

2007 Team Konsultan Life Skill Kabupaten Klungkung

2008 Ketua Team Leader Penyusunan Pola Tarif RSU Kabupaten Klungkung

#### XI. RiwayatOrganisasi

- OrganisasiKepemudaanTahun 1973-1977
- LKMD Tahun 1980-1987
- 3. Yayasan Putra Budaya Tahun 1984- sekarang
- Inkindo Prov.Bali Tahun 2000 sampai sekarang
- Yayasan Padma Jaya Jakarta Tahun 2003-2005 Wakil Ketua Wilayah Bali
- PT.PIAL (Ashram ) Admtrasi Manager 2005-sekarang
- Ketua Badan Pemeriksa Koperasi Kopertis dan Inkindo Bali Tagun 2001- sekarang
- Ketua Forum Kepemangkuan Yayasan Dharma Acarya Denpasar Tahun 2005- sekarang
- Ketua Yayasan Bali Nurani Sejati, 2004-sekarang

#### XII. Lain lain: Sebagai pengekelola:

- Sekolah TK Dharma Budi Laksana
- Sekolah TK Putra Budaya
- Sekolah SMP Sila Dharma
- Tri ManggalaKargo
- Surya MerthaSuplier
- Markan Land Kontraktor
- PT. NathaKarya Indah Konsultan

Denpasar, 15 Oktober 2014

Dr. I Wayan KandiWijaya, SE, AK, MM, CA