

Graduate School for International Development
and Cooperation, Hiroshima University

IDECC NEWS LETTER

広島大学大学院国際協力研究科

日本学術振興会
「平成21年度第2回若手研究者交流支援事業」
に採択
Adopted to JSPS's
"Exchange Program for East Asian Young Researchers"

開発技術講座 藤原 章正

Department of Development Technology
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IDECC は2008年7月より「低炭素社会を設計する国際環境リーダー (GELs) 特別教育プログラム」を開始した。アジア・アフリカ諸国の学生を、国際的複眼的視野を持ちつつ国および地域の課題を発見し、戦略的な解決策を見出すことのできる国際環境リーダーを、2009年10月現在で14ヶ国57名の学生を育成している。

本プログラムの一部として、平成21年度第1回 JSPS 若手研究者交流事業の補助を受けて短期研究者コースを実施した。本コースでは、過去6年以内に博士の学位を取得した若手研究者を招聘し、IDECC の教員と共同研究を行うものである。

2009年8月にタイ、インドネシア、フィリピンおよびベトナムより招聘した合計11名の若手研究者は現在現地で起きている各種温暖化問題を取り上げ、それらを緩和し、管理し、解決するための政策を模索した。あわせて滞在期間中、国際ワークショップ「低炭素社会の発展：ポスト京都議定書の気候交渉と持続的成長政策に関する専門家育成」に参加し、IDECC およびテキサス大学学生達とともに模擬国際気候交渉と合意書作成実習などを行った。

IDECC, Hiroshima University has launched the Global Environmental Leaders Education Program for designing a low-carbon society (GELs program) since July 2008. The GELs program attempts to train graduate students from Asia and Africa to be global environmental leaders who are capable of identifying problems and formulating strategic solutions at the national or local level through interdisciplinary and international perspectives. The total number of students counts 57 from 14 countries as of October, 2009.

As part of this program, GELs program carried out a short-term research fellow course in which young

researchers obtained their Ph.D. within last 6 years were invited to IDECC to conduct joint research with IDECC faculty members, supported by the 1st JSPS Exchange Program for East Asian Young Researchers FY2009.

A total of 11 young researchers from four ASEAN countries (Thailand, Vietnam, Indonesia and Philippines) have tackled the current and on-site environmental problems and identified policies to mitigate, manage and solve them. During their stay, they also participated in the International Workshop (Summer course), "DEVELOPMENT WITHIN A LOW CARBON WORLD, Preparing Professionals for Post-Kyoto Climate Negotiations and Sustainable Growth Policies" to enhance their research and negotiation skills in collaboration with several students from the University of Texas, Austin and IDECC.

世界銀行パブリックセミナー
『世界開発報告2010：開発と気候変動』
を開催
World Bank Public Seminar
"World Development Report 2010: Development
and Climate Change"

開発政策講座 小松 悟・後藤 大策・小松 正昭

Department of Development Policy
Satoru Komatsu / Daisaku, Goto /
Masaaki, Komatsu

11月16日(月)午前10時30分～午後12時30分に、世界銀行パブリックセミナー「世界開発報告(WDR)2010：気候変動と開発」を、国際協力研究科大会議室にて開催しました。当セミナーは、IDECC のテレビ会議システムを利用して、世界銀行東京事務所で行われた発表を、インターネット回線を介して中継開催したものです。近年気候変動に対する関心が非常に高まっていることもあり、IDECC からは31名の参加者がありました。

当日は1時間程度、世界銀行の副総裁及び世界開発報告の執筆者の方からの発表の後に、質疑応答を実施しました。IDECC では気候変動問題の専門家・研究者を育成するプログラム「低炭素社会を設計する国際環境リーダー育成」をはじめとして、開発・貧困・環境に係る教育研究プロジェ

クトが数多く実施されています。そのため、世界銀行との間で、現在の気候変動の交渉、先進国の温室効果ガス排出削減、途上国支援スキーム、途上国における排出削減と経済開発の両立について、数多くの質疑応答が交わされ、結果非常に活発な議論を行うことができました。

世界銀行パブリックセミナーは月1回～2回程度、開催しております。毎回30名～40名の学生が参加し、学生の関心も非常に高く好評を博しております。お時間の許す限り、皆様のご参加をお待ちしております。

We held World Bank Public Seminar “World Development Report 2010: Development and Climate Change” on November 16 (Mon), 10:30-12:30 at the large conference room, IDEC. This seminar was originally organized by the World Bank Tokyo office, and connected IDEC and World Bank Tokyo Office via video conference system. Since the climate change issues attract much attention in recent days, we had 31 participants for this seminar.

After the one-hour presentation presented by the Vice President of World Bank, and the one co-author of the World Development Report, we had Q and A sessions. IDEC have several research & educational projects for training the professionals, practitioners and researchers for managing the climate change issues such as “Global Environmental Leaders Education Program for Designing a Low-Carbon Society.” Therefore, we had very active and comprehensive discussions on the climate change and its countermeasures, especially about the international negotiations, mitigation on the greenhouse gases (GHG), assistance for the developing countries, and co-benefit approaches form GHG reductions and sustainable development pathways for developing countries.

World Bank Public Seminar is held on once or twice per month. This seminar attracts 30-40 students every time, and gains much popularity. We hope you to participate to the coming seminars.

「現場で実践」する大学院教育の経験と未来像
～ザンビア・プログラム成果報告
& シンポジウム (於：東京) ～
Sharing experience and future image
of “Practical Education”
-Zambia Program Open Forum (in Tokyo) -

国際協力コーディネーター 加藤 雅春
International cooperation coordinator
Kato, Masaharu

教育文化専攻博士課程前期学生を対象としたザンビア・プログラム (通称) は、本学と国際協力機構 (JICA) との連携協定下、青年海外協力隊の派遣スキームと大学院教育

を融合してアフリカ・ザンビアの地で理数科教師活動と修士論文研究を行う、国際教育協力分野での実践的な人材育成プログラムである。2002年度の開始以来初となる公開シンポジウムを2009年12月13日 (日) キャンパス・イノベーションセンター東京5階にて開催した。

総勢約70名が参集し、ほぼ満員御礼となった。公開開催の意義は、約8年間にわたり継続実施し2010年1月派遣予定者を含め20名の学生を送り出してきた経験の情報発信と、それら蓄積を踏まえこういった人材育成プログラムの展望について、シンポジストとフロアにいる国際協力や教育の関係者、一般市民との間で議論し将来像を見出そうとすることにあった。

これまで組織体制で継続してきたことについて、聴衆の感心の高さが印象的だった。シンポジウムでは支援体制等での課題が指摘されたものの、立ち上げ時から関わってきた多くの関係者の汗が、派遣された学生の努力が、ここまでの歴史に浸み込んでいることは感慨深い。そういった意味ではこれまでの集大成的な場であったが、終えてみるとむしろザンビア教育改善を目的としたフェーズIIへの意気込みを新たにしたい機会に思えた。

ご挨拶いただいたザンビア政府大統領府中央州付事務次官 Mr. Denny Lumbama は成果報告に感銘を受けられ、現地で協力隊員とハイレベルの現地教育関係者が情報共有する場ができ、国家教育計画の策定にも生かすことができればよいと後で語っていたそうである。

IDEC has been dispatching master's program students to Zambia through JICA/JOCV scheme under HU-JICA agreement. This program is designed to educate specialists who can practically contribute to international development and cooperation. Participants stay in Zambia for two years and engage in science and mathematics teaching at assigned schools. At the same time, they carry out the research activities to synthesize their master's thesis.

The open forum was held at CIC Tokyo on (Sun) Dec. 13th, 2009 for the first time since program begins in FY2002.

The forum was well attended by about 70 participants. The significances of the forum are; sharing 8 years experience with the dispatch of 20 students (including new batch in January, 2010), discussion on the future image of the program.

The forum was impressive because many of the audience admired our institutional support system to operate the program. Without contributions of concerned staff and challenges of participants continuously from the beginning, the program would not have been prosperous and unique like now. The forum was the good opportunity to review the achievement of previous effort and also to generate high motivation toward Phase II - Further promotion of Zambia's educational development -.

Mr. Denny Lumbama, PS, Central Province, Government of Zambia who was the guest speaker

remarked later that he was very impressed with the presentation. He hopes that JOCV and Zambian education officers will collaborate to share knowledge in the future. He also suggested that this collaboration can contribute to National Education Planning.



**ザンビア、南部州リビングストーン市で
ヒロシマ・ナガサキ平和展を開催**
 “Hiroshima Nagasaki Peace Exhibition”
 (in Livingstone city, the Southern Province of Zambia)

博士課程前期 木村 光宏
 Master's Program Student
 Kimura, Mitsuhiro

2009年8月6日、広島原爆投下の日に合わせて「ヒロシマ・ナガサキ平和展」を開催した。ザンビアではすでに多くの人々が「ヒロシマ・ナガサキ」を知っていたため、観光客だけでなく多くのザンビア人が博物館を訪れ、展示に興味を持った。

今回分かったことだが、博物館の所蔵品の中には旧日本軍の日の丸の旗や手紙、日本が使用していた銃が眠っていた。ザンビアは旧宗主国イギリスと共に日本軍と戦い、これらは兵士が持ち帰った遺留品である。またザンビア独立40周年記念に広島市長より「原爆の石」も贈られており、本展覧会では、原爆写真の展示やビデオの上映だけでなく、これらの所蔵品も展示し、第二次世界大戦の大まかな流れも含む内容となった。

この平和展は約4ヶ月実施され、約1万4千人の来館者があった。コメントブックには驚くほど多くの平和に対するメッセージをいただき、本展示を通して多くの人に平和について考える機会を提供できたと確信している。

In 6th August 2009, at the day when the atomic bomb was dropped to Hiroshima, “Hiroshima Nagasaki Peace Exhibition” was hold.

As many people had already known about the incidence of “Hiroshima and Nagasaki”, a lot of Zambians and tourists have shown their interest and visited the museum.

Marvelously the museum has possessed the Japanese flag, letters and guns which were owned by Japanese

soldiers.

Those items were taken by Zambian soldiers who fought against Japan in the colonial period.

And the stone which received the burst of the A-bomb has been presented by the mayor of Hiroshima City on the 40th independence anniversary. In this exhibition, those items have been displayed together with the pictures and DVDs associated with the A-bomb.

This exhibition has been taken place for approximately 4 months.

14,000 people have visited in session and they left many messages for world peace.

I am convicted that we could offer the opportunity to think about peace through the exhibition.

(1) 以下の写真はオープニングイベント開催時に、館長がリビングストーン市長、南部州長に原爆写真を説明している場面です。(右から南部州長、市長、館長、筆者です)



(2) 写真の展示を見る人々(画面中央が「原爆の石」です)



研究室訪問

Laboratory Series

交通工学研究室 (HiTEL)

Transportation Engineering Laboratory (HiTEL)

スタッフ(2010年1月現在): 藤原章正・教授, 張峻屹・准教授, 嶋本寛・助教, S.B. NUGROHO・助教, 研究員・金元喆・博士

Staffs: Prof. Akimasa Fujiwara, Associate Prof. Junyi Zhang, Assistant Prof. Hiroshi Shimamoto, Assistant Prof. Sudarmanto Budi Nugroho, and Research Fellow Dr. Wonchul Kim

学生 (2010年1月現在): 25名(うち, 留学生11名), そのうち, 博士後期課程学生9名, 博士前期課程学生10名, 学部生3名, 研究生3名

Students(January 2010): 25 students (including 11 international students)- 9 doctoral course students, 10 master course students, 3 undergraduate students, and 2 research students.

Lab URL: <http://home.hiroshima-u.ac.jp/hitel/>

交通工学研究室 (1971年設立、1994年に IDEC へ移転) は、交通工学・交通計画だけではなく、都市、環境や観光も研究テーマとして取り上げる。都市・交通の研究は低炭素型都市・交通システム、活動・交通行動、統合都市・交通モデル、ITS、TDM、交通安全、公共交通、ユニバーサル・モビリティや都市活性化政策などを含む。環境の研究は自動車・自動二輪車政策、持続可能性指標の開発などを、観光の研究は観光行動、観光情報や国際観光などをそれぞれ扱う。一方、途上国の研究として、世帯エネルギー消費、パラトランジットシステム、都市形態、環境的に持続可能な交通政策などが挙げられる。本研究室では、学際的な研究手法が幅広く応用・開発され、今まで数百の研究論文が公表され、国内外の学会・研究機関から10以上の最優秀・優秀論文賞を受賞した。週1回の定期ゼミ以外に、指導教員による直接指導ゼミ、国内外の研究者・実務者を招聘し、セミナーやワークショップを定期的に開催することもある。

The *Hiroshima University Transportation Engineering Laboratory (HiTEL)* (established in 1971 and moved to IDEC in 1994) deals with research topics covering not only *traffic engineering* and *transportation planning*, but also *urban planning*, *environment*, and *tourism*. Studies of urban and transportation systems include design of low-carbon urban and transportation systems, activity-travel behavior integrated urban and transportation modeling, ITS, TDM, traffic safety, public transportation systems, universal mobility studies, and revitalization of city centers, etc. Environmental studies mainly focus on automobile and motorcycle ownership and use, and indicator development for sustainability, etc. Tourism studies target tourist behavior analysis, tourism information, and international tourism etc. Examples of the topics related to developing countries include

household energy consumption, paratransit systems, urban forms, and environmentally sustainable transport policies and so on. Interdisciplinary research methods have been widely applied and developed, and several hundreds of papers have been published. Our studies were awarded as best papers and outstanding papers for more than ten times by international and domestic conferences, associations and institutes. In addition to a regular seminar held once a week, irregular seminars/workshops are also organized by inviting international/domestic researchers and practitioners.



同窓生便り

Letter from a member of Alumni Association

Tan Ying (1999 enrolment, Development Policy)

I am Tan Ying from China and I graduated in 2001 from Prof. Shoichi Yamashita's lab. At present I am living in Shanghai with my family-my parents, wife and son. I am working in a Japanese company producing and selling auto parts in China.

Life in Shanghai is comfortable. The environment around my neighborhood in Pudong Area is very clean and beautiful. During weekends I often go out to have a walk with my family in Century Park near our home. Sometimes we go shopping around Nanjing Road area. You can see many kinds of people there and enjoy a slow walk through them.

It has been about 9 years since I left our beautiful campus. I often think of my friends, our teachers in IDEC years. IDEC Alumni is so good to link all IDEC graduates together. Taking this opportunity I would like to extend my heartfelt thanks to my tutor Mr. Yoshi Takahashi current president of the association and other friends who contributed to our alumni work. And I sincerely hope that all IDEC graduates and your family members

have a happy life in 2010, year of tiger.

IDEC アジアセミナー要旨
Report on IDEC Asia Seminars

The 173rd IDEC Asia Seminar

講師 Speaker:

Robert H. Wilson (Associate Dean of Academic Affairs
Mike Hogg Professor of Urban Policy University of
Texas at Austin)

演題 Title:

Metropolitan Governance in the Americas: An
Unaddressed and Unresolved Public Policy

日時 Date: 10:30-12:00 May 29, 2008

Prof. Wilson introduced major findings of the research project on comparative study for metropolitan governance in six countries (Argentina, Brazil, Canada, Mexico, Venezuela and the US) in the Americas based on the view that new governance structures to address the unique and specific issues in metropolitan areas are necessary. In a comparative framework, the dynamics of change in metropolitan governance was examined in terms of forms, functions, legitimacy and performance of the emerging governmental structures with central contextual factor of intergovernmental relations of federalist governmental structure. (Coordinator: Shinji Kaneko)

The 174th IDEC Asia Seminar

講師 Speaker:

Prof. Carl Winslow (University of Copenhagen)

演題 Title:

The anthropological theory in didactics of mathematics and an application to analyse international studies of mathematics education

日時 Date: July 10th 2009 (Fri)

DR. Winslow introduced French anthropological theory in didactics of mathematics by two French researchers Guy Brousseau and Yve Chevallard and applied to analyze mathematics lesson in Japan. (Coordinator: Takuya Baba)

The 175th IDEC Asia Seminar

講師 Speaker:

1)Dr. Kenji Murakami (Professor, Research Institute of Electronics, Shizuoka University) and Dr. Shoji Kaneko (President, SPD Laboratory), 2) David Eaton, PhD (IDEC Visiting Professor and Professor of University of Texas at Austin)

演題 Title:

1)Towards Cost Breakthrough: R&D of New Generation Solar Technologies and its Strategic Applications, 2) Can an Electric Utility Reach a Zero Carbon Footprint? (Yes!)

日時 Date: 13:00-15:30 July 6, 2008

Two groups of research projects were presented in the seminar entitled "The title of the seminar was "Thinking of Low Carbon Technologies: R&D, Financial Assessments, and Strategic Applications of Low Carbon Electricity". The first group reported recent progresses and technological advancements of dye-sensitized solar cell jointly developed by SPD Laboratory and Shizuoka University. The second group reported on the results of the study, which found that Austin Energy could reach an effect a zero carbon footprint by 2020 by aggressive investment in renewable energy sources with natural gas back-up for reliability, divesting of coal, with enhanced conservation. (Coordinator: Shinji Kaneko / Masaru Ichihashi)

The 176th IDEC Asia Seminar

講師 Speaker:

Seiro Ito (Director, Development Strategies Studies Group, Development Studies Center, JETRO)

演題 Title:

Health Insurance in India: Strategies to assess people's perceptions

日時 Date: 8th July 2009

(Coordinator: Yoko Ogashiwa)

The 177th IDEC Asia Seminar

講師 Speaker:

澤村信英 教授 (教育開発国際協力研究センター (CICE))

演題 Title:

アフリカ教育開発研究12年を振り返って

日時 Date: 29th July 2009

Dr. Sawamura reflected back his 12 years in Hiroshima University before he has moved to Osaka University. He discussed how he got involved in the education development of Africa and his current research interests. He now employs qualitative approach to excavate untold story of Maasai people through his field research and points out that they are certainly changing slowly but certainly although they may look very traditional. (Coordinator: Takuya Baba)

The 178th IDEC Asia Seminar

講師 Speaker:

Ms. Joyce SOO (Human Geography and Planning Geosciences, Utrecht University, Netherlands)

演題 Title:

Towards a Multi-Activity Multi-Person Accessibility

Measures (MAMPAM)

日時 Date: July 28, 2009

One interesting topic was presented in this seminar. Ms Joyce explained her current research about accessibility using commuter activity dairy data from Netherland. In the presentation, we could hear current issues in activity dairy in urban commuting system for multi-person. We also hear current measurement model of accessibility to commute and to make a short-distance trip in the working days. She also explains future model development of measurement model to fit with real conditions and its challenge for multi-activity of multi person mostly in European situations. Many students from transportation group were joined. In the discussion session, many students and researcher from Transportation Studies Group were involved due to the similar research topics and the discussion worked very well. (Coordinator: Zhang Junyi)

The 179th IDEC Asia Seminar

講師 Speaker:

1) Mr. Hideomi OHI (JICA senior advisor), 2) Mr. Shojiro HORIZOME (JICA expert of the technical cooperation of Central America)

演題 Title:

1) The international trend in the disaster prevention field, 2) The measure and subject of Capacity Development (CD) in the technical cooperation of Central America: from a JICA project of broader-based disaster prevention capability development in the Central America

日時 Date: September 1st, 2009. 17:30-18:30

1) Whether disaster prevention is progressing in the world? What has been a problem now? How international society is trying to tackle disaster prevention? A lecture was given to answer these questions with mixing lecturer's personal opinion about disaster prevention in developing countries.

2) Introduction of JICA project of broader-based disaster prevention capability development (CD) in the Central America. The measure and subject of the JICA technical cooperation for flood disaster prevention with used car-tires were introduced. Simple and effective disaster prevention measures with capability development were discussed to protect the properties and human lives in developing country of the Central America. (Coordinator: Takao Yamashita)

The 180th IDEC Asia Seminar

講師 Speaker:

1) Vilayvong Buddakham (Vice Minister, Lao Youth Union), 2) Prof. Motoyoshi Suzuki

演題 Title:

1) Encouraging FDI for Sustainable Economic Development in the Lao PDR upto year 2020, 2) Feasibility of Vientiane Industrial Park and Vientiane Logistics Park

日時 Date: October 20, 2009

Mr. Vilayvong Buddakham, Vice Minister, Lao Youth Union and Prof. Motoyoshi Suzuki explained about foreign direct investment policy of Lao Government and situation of Greater Mekong Sub-region. Laos joined ASEAN in 1997. The construction of East-West Economic Corridor and South-North Economic Corridor implemented by Asian Development Bank has completed. As in-land transportation of Laos has been evolutionally improved, Laos becomes from land-locked to land-linked nation. However, Laos must improve export-import procedures, single window, and 24 hours open window of custom procedures and immigration, etc. (Coordinator: Motoyoshi Suzuki)

The 181st IDEC Asia Seminar

講師 Speaker:

Prof. Tran Dac Su (University of Transport and Communication, Vietnam)

演題 Title:

Transport Sector in Vietnam: Current Issues and Future Agenda

日時 Date: October 26, 2009

Two topics were presented in this seminar. First, Prof. Su introduced about University of Transport and Communication (UTC) Vietnam which has two campuses, in Hanoi and Ho Chi Minh City. Then, he overviewed the current situation of transport in Vietnam including land transportation, railway and sea transportation. In the presentation, we could grasp the urgent issues caused by motorization (i.e. increase of motorcycles and private cars) especially in the capital city of Hanoi, and road safety problem. He also explains the future agenda of public transport development in Vietnam and the capital city Hanoi. Many students from IDEC joined to share and discuss the above issues, although the presentation delivered in Vietnam language and then translated by Vietnamese student in Transportation Study Group. (Coordinator: Akimasa Fujiwara)

The 182nd IDEC Asia Seminar

講師 Speaker:

1) Prof. Jin-Suk Lee (Bioenergy Research Center, KIER)
2) Prof. Dehua Liu (Department of Chemical Engineering, Tsinghua University, CHINA)

演題 Title:

1) Recent developments and prospects of bioenergy in

Korea, 2) A Commercial Demonstration of Biorefinery of lipids : Integrated production for biodiesel and PDO

日程 Date: November 17, 2009

1) Due to the high oil price and global warming problems, bioenergy recently emerges in Korea as a promising option to overcome the problems. Recently Korean government sets up the implementation target for bioenergy increasing to 3.4% of total energy consumption in 2030, 20 times higher

than that of bioenergy supplied in 2007. Active works have been carried out and will be continued to meet the goal. Unlike other countries, few biomass resources are available in Korea for bioenergy. Therefore, Korean R&D activities have been focused on the development of bioenergy technologies which were mostly needed in Korea. Major commercialized technologies on bioenergy are methane production and utilization by anaerobic digestion of organic wastes, biodiesel and utilization of solid biofuels. With regard to transport biofuels, two biofuels, bioethanol and biodiesel, have been considered to be used in the transport sector. After four years trial of the demonstration supply and some extensive R&D works, biodiesel has been started to be supplied all over the country from 2006. As the implementation of biodiesel is activated, securing the stable supply of the raw material is becoming a critical issue because over 90% of raw materials now used for biodiesel production are imported vegetable oils. Various options have been actively reviewed not only by Korean Government but biodiesel companies. With regard to bioethanol, the demonstration project for the use of bioethanol blended fuels is underway. After the work, the implementation of bioethanol is expected to be initiated. Other bioenergy technologies under development will also be mentioned in the presentation Past experiences, current status, and future plan for R&D of the transport biofuels in Korea are going to be summarized.

2) Lipase-catalyzed transesterification from renewable oils for biodiesel production has some advantages over chemical-catalyzed approaches, such as environmental friendliness, lower energy consumption. However, the low stability and the expensive cost of the lipase had been being regarded as the main hurdle to the industrialization of lipase-catalyzed biodiesel production. Tsinghua University has proposed a novel process, with which the operational life of the immobilized lipase could be improved over 50-fold than traditional enzymatic approaches. After the successful demonstration in a pilot plant with capacity of 200kg/day biodiesel, the first commercial facilities with capacity of 24,000ton/year was constructed in Hunan, China and it was put into operation on Dec. 8, 2006. More and more customers from

Germany, Singapore, Korea, Thailand etc, are negotiating for licensing the above mentioned technology. As a by-product, glycerol will be yielded at about 10% of biodiesel during the process of biodiesel production. How to convert glycerol has become a common problem. It could be a promising way to produce 1,3-propanediol (PDO) from glycerol. PDO is a valuable chemical material and especially it could be copolymerized with terephthalic acid (or methyl ester) to form polytrimethylene terephthalate (PTT). PTT has excellent properties for textile fibre, and it is much better than other polymers such as PET. Tsinghua University has proposed a novel flexible process for PDO production by fermentation from glycerol or glucose, and the demonstration was finished in pilot plant at the end of 2003. A facility with capacity of 4,000 tons/year 1,3-PDO is being run in Hunan Rivers Bioengineering company, China. (Coordinator: Yukihiro Matsumura)

The 183rd IDEC Asia Seminar

講師 Speaker:

Nirmal M. Tuladhar (Professor of Linguistics Centre for Nepal Asian Studies (CNAS) Tribhuvan University, Nepal)

演題 Title:

Language Revitalization: The Case of Newar

日時 Date: 27th November 2009

After examining the status of Newar language also known as Nepal Bhasa spoken in and around the Kathmandu valley since prehistoric times, which had flourished into poetry, drama, narrative and technical literature, explored its declining situation thereafter, mainly due to the suppression of the successive ruling regimes, till 1990. It also briefly describes the Newar language movement and the Theravada Buddhist movement that went hand in hand. The several Newar organizations that are involved in revitalizing the language as pressure groups were assessed as the awareness of the Newars about their language. It also explored the significant role of the print and electronic media including multilingual education in revitalizing the language. The seminar concluded, after the lively discussion with the participants, that the Newars have come to realize that they must maintain and revitalize their language for their identity in their country that is an enormously complex about linguistic, ethnic, physical, and demographic diversity. (Coordinator: K. L. Maharjan)

The 184th IDEC Asia Seminar

講師 Speaker:

Prof. Joseph P. Riley, Ph. D. (Professor Emeritus of Science Education of The University of Georgia, USA)

演題 Title:

The Globalization of Curriculum: A Personal Perspective

日時 Date: 17 December 2009

Professor Riley is one of active researchers in science education especially focusing innovation of under developing countries. He had dispatched in The Philippines, Indonesia, Egypt and Singapore as a science education expert. In the seminar he presented his rich international experiences and showed his findings.

Globalization is not a contemporary phenomenon. It is the historical results of sustained intercultural contact. It has just speed up. The Intended curriculum is converging through transnational collaboration and cooperation. The enacted curriculum is not converging and may even be diverging. The achieved curriculum is not converging but will as the intended curriculum becomes more the achieved curriculum. We need to strike a balance between celebrating the local and indigenous and welcoming the global flow of new and hybridized knowledge. (Coordinator: Hideo Ikeda)

The 185th IDEC Asia Seminar

講師 Speaker:

Dr. Jyoti Prakash Tamang (Food Microbiology Laboratory, Department of Microbiology, Sikkim University, India)

演題 Title:

Cultural and Biological Importance of the Himalayan Fermented Foods

日時 Date: 8th January 2010

The rich bio-resources, and ethnic diversity with their diverse culture was introduced as the base for diverse food culture comprising fermented and non-fermented ethnic foods and alcoholic beverages in the Himalayas, which are not only nutritious but also environment friendly and healthy in nature. Microbiological

explanations were added to support the traditional perceptions and therapeutic values of these food, including tofu, natto, kimchi, asatsuke, shochu, doburoku like foods and drinks in the Himalayas.

The seminar concluded after discussion session in which all the participants agreed that, genesis of the Himalayan ethnic fermented foods are linked with the cultural civilisation of the people and any promotion or upgradation should be based on the ethnic demand and cultural interface, with due recognition of the native skills and indigenous expertise for building up a global approach to ethnic foods. (Coordinator: K. L. Maharjan)

The 186th IDEC Asia Seminar

講師 Speaker:

Prijono Tjiptoherijanto (Professor, University of Indonesia and Visiting Professor, IDEC)

討論者 Discussant:

Masaaki Komatsu (Professor, IDEC)

日時 Date: December 17, 2009

Professor Prijono delivered his lecture on political aspect of the Indonesian economy, particularly the effects created by democratization and decentralization. It was emphasized that further reformations in terms of unemployment and poverty issues are required because various measures have not achieved satisfactory outcome. He expressed his hope that the new administration would implement reformation of state-owned enterprises and capacity development of local government. Professor Komatsu made comments including the change of power balance among major players in economic policies, that is, Ministry of Finance, central bank, and National Development Planning Agency (BAPPENAS) and its consequences. (Coordinator: Yoshi Takahashi)

外部資金等受け入れ状況

List of Researches funded by External Institutions

外部資金等受け入れ状況 (2009年5月～)

【奨学寄附金】

研究者名	講座名	寄附金額	寄附者名
山本春行	開発技術	2,000,000円	(株) ティーアンドピー設計事務所
久保田 徹	開発技術	2,500,000円	公益財団法人住友財団
市橋 勝	開発政策	250,000円	藤江 義康

【受託事業】

研究代表者	研究題目	契約期間	契約金額
藤原章正	持続可能なアジアをリードする若手研究者フォローアッププログラム2	平成21年4月1日から平成21年9月30日	7,000,000円
馬場卓也	バングラデシュ国小学校理数教育強化計画（第6年次）	平成20年10月20日から平成22年3月31日	9,453,150円
清水欽也	カンボジア国理科教育改善計画プロジェクト（第二年次）	平成21年8月4日から平成22年7月16日	7,599,900円
池田秀雄	ガーナ国「現職教員研修運営管理能力強化プロジェクト」	平成21年8月1日から平成22年8月11日	12,203,100円
藤原章正	持続可能なアジアをリードする若手研究者フォローアッププログラム3	平成21年10月15日から平成22年9月30日	9,345,000円

【受託研究】

研究代表者	研究題目	契約期間	契約金額
中越信和	ダム湖周辺の森林機能と景観生態学的研究	平成20年6月23日から平成22年2月26日	4,950,000円
田中一彦	水を用いるイオンクロマトグラフィーによる水質モニタリング法の開発	平成21年7月23日から平成22年3月31日	5,000,000円
中越信和	ダムによる地域環境・生態系への効果の分析手法の検討	平成21年10月5日から平成22年3月31日	9,971,000円
金子慎治	環境経営時代における環境政策と企業行動の関係に関する研究業務	平成21年10月1日から平成22年3月10日	9,025,196円

【共同研究】

研究代表者	研究題目	共同研究先	契約期間	契約金額
山下隆男	人間活動の変化による地域、地球環境への影響評価モデルの開発	独立行政法人日本原子力研究開発機構	平成21年5月1日から平成22年3月31日	-
田中一彦	バイオマスの持続可能な利用・管理に関する共同研究	独立行政法人産業技術総合研究所	平成20年11月1日から平成22年3月31日	2,501,000円
山本春行	分離微石粉混入法の効果のメカニズム解明	コトブキ技研工業株式会社	平成21年9月1日から平成22年3月31日	1,000,000円

客員教授・客員研究員の紹介 Visiting Professors & Researchers

【外国人研究員（客員教授） Visiting Professor】

氏名 Name : Melegoda Nayani メレゴダ ナヤニ
 出身 Nationality : スリランカ Sri Lanka
 所属 Affiliation : コロンボ大学 University of Colombo
 滞在期間 Duration : 2009/8/1～2009/9/30

氏名 Name : Riley Joseph Phillip
 ライリー ジョセフ フィリップ
 出身 Nationality : アメリカ U.S.A.
 所属 Affiliation : ジョージア大学
 University of Georgia
 滞在期間 Duration : 2009/10/1～2009/12/28

氏名 Name : Tjiptoherijanto Prijono

ジプトヘリヤント プリヨノ

出身 Nationality : インドネシア Indonesia
 所属 Affiliation : インドネシア大学
 University of Indonesia
 滞在期間 Duration : 2009/10/1～2009/12/28

【外国人客員研究員 Visiting Researcher】

氏名 Name : 鄭 加禎 テイ カテイ
 出身 Nationality : 台湾 Taiwan
 所属 Affiliation : 開南大学
 Kainan University
 滞在期間 Duration : 2009/7/1～2009/8/10

氏名 Name : Nguyen Cong Thanh
 グエン コング タン
 出身 Nationality : ベトナム Vietnam
 所属 Affiliation : 国立経済大学
 National Economics University

滞在期間 Duration : 2009/7/5~2009/8/23

氏名 Name : Puree Sirasoontorn
プリー シラソントン
出身 Nationality : タイ Thailand
所属 Affiliation : タマサート大学
Thammasat University

滞在期間 Duration : 2009/7/26~2009/8/24

氏名 Name : Nguyen Thi Thanh Mai
グエン ティ タン マイ
出身 Nationality : ベトナム Vietnam
所属 Affiliation : ハノイ土木大学
Hanoi University of Civil Engineering

滞在期間 Duration : 2009/7/26~2009/8/24

氏名 Name : Khuat Viet Hung クアト ベト ハン
出身 Nationality : ベトナム Vietnam
所属 Affiliation : 交通運輸大学
University of Transport and Communication

滞在期間 Duration : 2009/7/31~2009/8/22

氏名 Name : Jhonamie A. Mabuhay
ジョナミー エー マブハイ
出身 Nationality : フィリピン Philippines
所属 Affiliation : ミンダナオ州立大学
Mindanao State University

滞在期間 Duration : 2009/8/1~2009/9/12

氏名 Name : Pawinee Iamtrakul
パウイニー イアムトラクル
出身 Nationality : タイ Thailand
所属 Affiliation : タマサート大学
Thammasat University

滞在期間 Duration : 2009/8/1~2009/9/13

氏名 Name : Sony Sulaksono Wibowo
ソニー スラクソノ ウィボウォ
出身 Nationality : インドネシア Indonesia
所属 Affiliation : バンドン工科大学
Bandung Institute of Technology

滞在期間 Duration : 2009/8/2~2009/8/24

氏名 Name : Herbert G. Fabian
ハーバート ジー ファビアン
出身 Nationality : フィリピン Philippines
所属 Affiliation : クリーンエアークリーンアジア都市センター
Clean Air Initiative for Asian Cities
Center, Inc.

滞在期間 Duration : 2009/8/3~2009/8/23

氏名 Name : IDAA Warmadewanthi
アイ ディー エー エー ワマデワンティ
出身 Nationality : インドネシア Indonesia
所属 Affiliation : スラバヤ工科大学
Sepuluh Nopember Institute of Technology
滞在期間 Duration : 2009/8/3~2009/9/9

氏名 Name : Pham Van Quan パン バン クアン
出身 Nationality : ベトナム Vietnam
所属 Affiliation : ハノイ建築大学
Hanoi Architectural University
滞在期間 Duration : 2009/8/3~2009/9/12

氏名 Name : Aumnad Phdungsilp
アウムナド ヒュダンシルプ
出身 Nationality : タイ Thailand
所属 Affiliation : トゥラキットバンディット大学
Dhurakij Pundit University
滞在期間 Duration : 2009/8/4~2009/8/23

氏名 Name : Muhammad Alham Djabbar
モハメド アルファム ジャバール
出身 Nationality : インドネシア Indonesia
所属 Affiliation : ハサヌディン大学
Hasanuddin University
滞在期間 Duration : 2009/11/1~2010/1/23

採用等
New IDEC Staff Members etc

[教員 Academic Staff]

H21.10.1付け
新規担当 櫻井 里穂 准教授
SAKURAI, Riho Associate Professor
教育文化講座 Dept. of Educational
Development and Cultural and Regional Studies



[事務職員 Administrative Staff]

H21.10.1付け
採用 三島 ゆかり 学生支援グループ
MISHIMA, Yukari Student Affairs Group
Staff



昇任
Promotions

[教員 Academic Staff]

H21.4.1付け
昇任 小柏 葉子 教授

OGASHIWA, Yoko Professor
平和共生講座 Dept. of Peace and Coexistence

H21.10.1付け

昇任 吉田 和浩 教授
YOSHIDA, Kazuhiro Professor
教育文化講座 Dept. of Educational Development and
Cultural and Regional Studies

転出等
Retirement & Transfers etc

[教員 Academic Staff]

H21.8.31付け

辞職 澤村 信英 教授
Retired SAWAMURA, Nobuhide Professor
教育文化講座 Dept. of Educational Development and
Cultural and Regional Studies
(大阪大学教授へ Professor,Osaka University)

H22.2.28付け

辞職 嶋本 寛 助教
Retired SHIMAMOTO, Hiroshi Assistant Professor
開発技術講座 Dept. of Development Technology
(京都大学准教授へ Associate Professor,Kyoto University)

[育児休業 Child-Rearing Leave]

H21.12.31付
大竹 園子 特任助教
OHTAKE, Sonoko Special-Appointment Assistant
Professor
国際環境リーダープログラム Global Environmental
Leader Education Program

[事務職員 Administrative Staff]

H21.10.1付
配置換 大堰 一頼 学生支援グループ
Transferred OZEKI, Kazuyori Student Affairs
Group Staff
(教育学研究科へ)

入学試験のスケジュール
Entrance Examination Schedule
(平成22年4月入学)
(For April 2010 Enrollment)

1月5日～1月12日 事前審査受付期間 (対象者のみ)
1月25日～1月29日 願書受付期間
2月17日～2月18日 入学試験
2月25日 合格発表

Jan. 5-12 Application period for preliminary evaluation
Jan. 25-29 Submission of application form
Feb. 17-18 Entrance examination
Feb. 25 Announcement of admission

修了生の進路
Career Paths after Graduation

★2009年9月 博士課程後期修了者

Doctoral program completed in Sep. 2009

開発科学専攻 Division of Development Science
4名 (内留学生4名) 4 (including 4 foreign students)
教育文化専攻 Division of Educational Development and
Cultural and Regional Studies
3名 (内留学生2名) 3 (including 2 foreign student)
教育・研究・公務 Education, Research, Government 3
民間企業 Private Company 0
各種団体 Auxiliary organization 0
帰国・現職復帰他 Return to home country, etc. 4

★2009年9月 博士課程前期修了者

Master Program completed in Sep. 2009

開発科学専攻 Division of Development Science
34名 (内留学生32名) 34 (including 32 foreign students)
教育文化専攻 Division of Educational Development and
Cultural and Regional Studies
12名 (内留学生12名) 12 (including 12 foreign students)
教員 School Teaching 0
民間企業 Private Company 0
各種団体/財団 Auxiliary Organization 1
進学 Proceeded to Doctoral Program 6
帰国・現職復帰他 Return to home country, etc. 39
公務 Public Administration 0

その他の IDEC の動き
(2009年7月～2009年12月)
Other Activities and Events at IDEC

■ GELs 国際ワークショップを開催

GELs プログラム国際ワークショップ サマーコース2009
「DEVELOPMENT WITHIN A LOW CARBON WORLD:
Preparing Professionals for Post-Kyoto Climate
Negotiations and Sustainable Growth Policies」をテキサ
ス大学オースティン校と共催でひろしま国際センターにて
開催。(2009/8/5-21)

■ GELs International Workshop -Summer Course
2009 was jointly organized with University of
Texas at Austin at Hiroshima International
Center. (2009/8/5-21)

■ GELs 国際シンポジウムを開催

GELs プログラム国際シンポジウム「地球環境に関する科学技術の公衆理解」を広島国際会議場で開催。(2009/9/7-9/8)

■ GELs International Symposium was held at International Conference Center Hiroshima. (2009/9/7-8)

■ マレーシア工科大学副学長補が IDEC を訪問

マレーシア工科大学の Marzuki 副学長補が IDEC を訪問。(2009/10/9)

■ IDEC visited by Prof. Marzuki Khalid, Deputy Vice-Chancellor, Universiti Teknologi Malaysia. (2009/10/9)

■ ベトナム交通運輸大学と大学間交流協定を締結

ベトナム社会主義共和国交通運輸大学の Tran Dac Su 学長他が広島大学を訪問、大学間交流協定を締結。(2009/10/26)

■ Hiroshima University visited by Prof. Tran Dac Su, Rector, University of Transport and Communications, Socialist Republic of Vietnam, and exchange agreement concluded. (2009/10/26)

■ ホームカミングデイ・IDEC シンポジウムを開催

ホームカミングデイ・IDEC シンポジウム「IDEC の更なる国際協力への貢献を目指して」を開催。(2009/11/7)

■ Homecoming Day - Symposium, which is titled "Towards Further Contribution of IDEC for International Cooperation" was held at IDEC. (2009/11/7)

■ 第27回東京イブニングセミナーを開催

第27回東京イブニングセミナーを東京のキャンパスイノベーションセンターで開催。(2009/11/13)

■ The 27th Tokyo evening seminar was organized by GELs program at Campus Innovation Center in Tokyo. (2009/11/13)

■ 広島大学 - JICA 連携特別教育プログラムの成果報告 & シンポジウムを開催

広島大学 - JICA 連携特別教育プログラムの成果報告 & シンポジウムを開催

ンポジウム～「現場で実践」する大学院教育の経験と未来像～を東京のキャンパスイノベーションセンターで開催。(2009/12/13)

■ Symposium on Zambia Special Education Project was held at Campus Innovation Center in Tokyo. (2009/12/13)

IDEC 構成員による最近の著書
(2009年7月～12月)

Books Published by IDEC Faculty
(from Jun. to Jun. 2009)

(金子慎治教授) Shunsuke Managi and Shinji Kaneko, Chinese Economic Development and the Environment (New Horizons in Environmental Economics Series), Dec 2009 (共著)

(鈴木基義教授) 鈴木基義

『ラオス投資ガイド』

国際機関日本アセアンセンター、2009年9月。(単著)

(鈴木基義教授) Ikuo Kuroiwa (Edited), Expansion of the Production Networks into the Less Developed ASEAN Region: Implications for Development Strategy, National University of Singapore, 2009. (共著)

(鈴木基義教授) Naoko Amakawa (Edited), The Experience and Prospects of Late-Comer ASEAN Countries, National University of Singapore, 2009. (共著)

(田中一彦教授) 田中一彦 (編)

『役にたつイオンクロマト分析』

医学評論社、2009年 (共著)

(後藤大策准教授) 有吉範敏・前田純一・秋山優 (編)

『応用経済分析 II SNA・経済成長・環境』

勁草書房、2009年 (共著)

IDEC 広報委員会 (2009 年度)

◇ IDEC Public Relations Committee 2009-2010 ; 馬場卓也 (委員長) BABA, Takuya (Chairperson), 市橋勝 (副委員長) ICHIHASHI, Masaru (Vice-Chair), 張峻屹, ZHANG, Junyi, 山根達郎, YAMANE, Tatsuo (ニューズレター編集担当, Editor), 編集補助 Editorial Assistance 山岸良馬, YAMAGISHI, Ryoma

IDEC NEWS-LETTER No. 27 / 2010.3.

広島大学大学院国際協力研究科 広報委員会

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<http://www.hiroshima-u.ac.jp/idec/index.html>