



Offering Courses in English



- **K. U. PROFILE**
Kyoto University Programs
for Future International Leaders
- **Kyoto Universities will offer**
 - 1 Undergraduate course
 - 11 Graduate courses
- **All courses will be given entirely in English**
- **Admission procedures can be done in English**
- **Most courses start in 2010 and 2011**



K. U. PROFILE



Collaboration: Short-Term Exchange Programs



- **International exchange programs with partner universities**
- **Mainly to give undergraduate students cross cultural experience**
- **Secure funds for the exchange and risk management**





Collaboration: International University Consortia

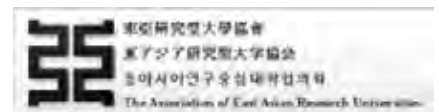


■ APRU (Association of Pacific Rim Universities)

- ◆ 42 member universities
- ◆ Doctoral Students Conference



■ AEARU (Association of East Asian Research Universities)



- 17 member universities from East Asian countries
- Academic symposia and Student camps



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留学生数の増加と留学生獲得競争 Increasing Number of International Students

■ 世界中での留学生の増加

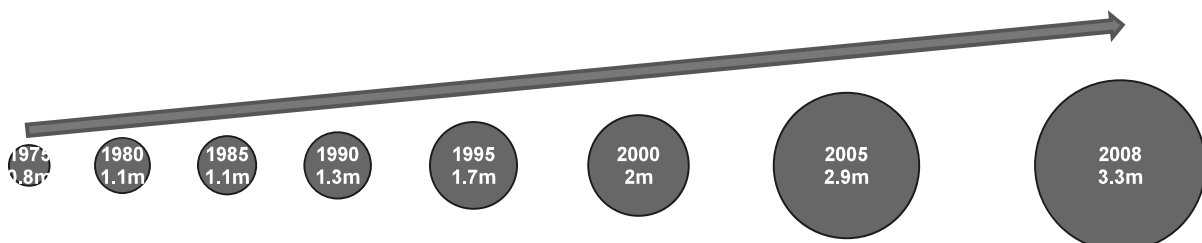
- ◆ 2008年には330万人が将来700万人になると予想されている

■ Increasing number of international students studying abroad

- ◆ 3.3 million students in 2008
- ◆ 7 million students in the future

Box C2.1. Long-term growth in the number of students enrolled outside their country of citizenship

Growth in internationalisation of tertiary education (1975-2008, in



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Source: OECD and UNESCO Institute for Statistics.

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世界の国際教育政策 International Education Policies



■ 米国

- ◆ 67万人超の留学生受入 (2008-9)
- ◆ ポールサイモンアクト
- ◆ 学部生を100万人派遣



■ USA

- ◆ Accepting 670,000 international students
- ◆ Paul Simon Act to send one million undergraduate students abroad

■ 欧州

- ◆ エラスムス計画
- ◆ 欧州高等教育圏への遠大な計画



■ Europe

- ◆ Erasmus Plan
- ◆ Aims to establish a European Higher Education Area

■ 中国

- ◆ 国家建設高水平公派研究生項目
- ◆ 博士課程学生を年間6千人派遣
- ◆ 23万人の留学生を受入 (2009年)



■ China

- ◆ Chinese Government's Graduate Student Overseas Study Program
- ◆ To send out 6,000 PhD students every year



日本人学生の国際化 : 国際交流科目 Collaboration: Short-Term Exchange Programs



- 海外提携大学との協力による学部生の国際体験授業
- 国際的な異文化体験の促進
- 年間4ヵ国に派遣
- 逆に2ヵ国から受入
- 来年からは語学研修プログラムを追加

- International exchange programs with partner universities to provide international experience for undergraduate students
- Give young students cross-cultural experience
- 4 outgoing programs and 2 incoming programs
- Language programs begin next year





京都大学におけるグローバルCOEプログラム Global COE Program



生物の多様性と進化研究のための拠点形成-ゲノムから生態系まで (生命科学)

Formation of a strategic base for biodiversity and evolutionary research: from genome to ecosystem (Life sciences)

物質科学の新基盤構築と次世代育成国際拠点 (化学・材料化学)

Formation of a strategic base for biodiversity and evolutionary research: from genome to ecosystem (Chemistry, material sciences)

知識循環社会のための情報学教育研究拠点 (情報・電気・電子)

Informatics Education and Research Center for Knowledge-Circulating Society
(Information sciences, electrical and electronic sciences)

光・電子理工学の教育研究拠点形成 (情報・電気・電子)

Center of Excellence for Education and Research on Photonics and Electronics Science and Engineering

心が活きる教育のための国際的拠点 (人文科学)

Revitalizing Education for Dynamic Hearts and Minds (Humanities)

生存基盤持続型の発展を目指す地域研究拠点 (学際・複合、新領域)

In Search of Sustainable Humansphere in Asia and Africa (Interdisciplinary, combined fields, new disciplines)

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京都大学におけるグローバルCOEプログラム Global COE Program



平成20(2008)年度採択拠点

生命原理の解明を基とする医学研究教育拠点 (医学系)

Center for Frontier Medicine (Medical sciences)

数学のトップリーダーの育成-コア研究の深化と新領域の開拓 (数学・物理学・地球科学)

Fostering top leaders in mathematics - broadening the core and exploring new ground
(Mathematics, physics, earth sciences)

普遍性と創発性から紡ぐ次世代物理学-フロンティア開拓のための自立の人材養成-(数学・物理学・地球科学)

The Next Generation of Physics, Spun from Universality and Emergence -- Developing Independent Researchers to Explore New Frontiers -- (Mathematics, physics, earth sciences)

アジア・メガシティの人間安全保障工学拠点 (機械・土木・建築・その他工学)

Global Center for Education and Research on Human Security Engineering for Asia Megacities (Mechanical, civil engineering, architectural and other fields of engineering)

親密圏と公共圏の再編成をめざすアジア拠点 (社会学)

Global Center of Excellence for Reconstruction of the Intimate and Public Spheres in 21st Century Asia
(Social sciences)

地球温暖化時代のエネルギー科学拠点-CO2ゼロエミッションをめざして (学際・複合、新領域)

Energy Science in the Age of Global Warming -Toward CO2 Zero-emission Energy System
(Interdisciplinary, combined fields, new disciplines)

平成21(2009)年度採択拠点

極端気象と適応社会の生存科学 (学際・複合、新領域)

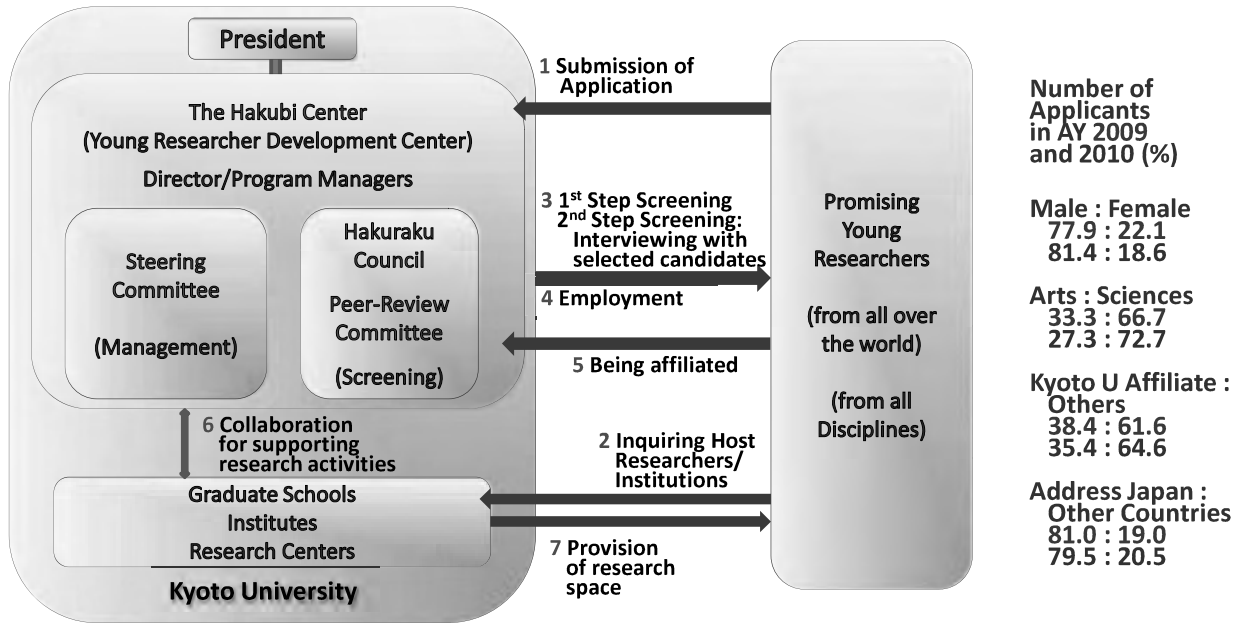
Sustainability/Survivability Science for a Resilient Society Adaptable to Extreme Weather Conditions
(Interdisciplinary, combined fields, new disciplines)

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Objectives: It is of paramount importance for universities to develop human resources with extraordinary creativity, originality and a willingness. With this view in mind, Kyoto University inaugurated the Hakubi Project in 2009, in which the university employs promising young researchers as program-specific Associate Professor/Assistant Professor and supports their research activities on themes of their own choosing.



Number of Applicants (Total)

	Total No. of Applicants	No. of Successful Applicants	Competition Rate
In AY 2009	588	18	32.7 times
In AY 2010	517	19	27.2 times

Field of research of successful applicants (in AY 2009):
Mathematics, Physics, Chemistry, Electronics, Life Science, Ecology, Chemical Biology, Medical Science, Psychology, Anthropology, Indology, Economic History, Area Studies

Nationalities of foreign successful applicants:
2009: United States
2010: Australia, Turkey

論 点

- ① 「外向き人材の育成」
- ② 「大学の国際化
(留学生、研究者受入れ)、
打って出る日本の大学」
- ③ 「研究教育国際ネットワーク」

Sustainable Energy and Environment Forum (SEE Forum) – Since Nov. 2006

SEE Forum is a grassroots based Asia-Pacific academic forum for global climate and energy security issues of common concern among an Asia-Pacific region.

Objective: To promote “New Energy Initiatives” and to establish academic network that will contribute to solving the global climate and energy security issues.

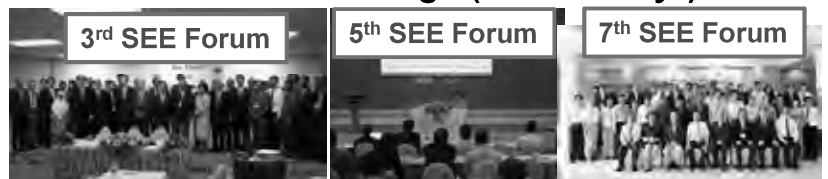
Participating members

- Kyoto University (Chair), Japan
- Joint Graduate School of Energy and Environment (Co-chair), Thailand <Japan>
TIT, AGU, KIT, Osaka Univ., Saga Univ., Kumamoto Univ., AIST, NIAES, etc.
- <ASEAN>
- ASEAN University Network (AUN); 22 Participating Universities, RUA, UM-Sabha, etc.
- <China, Korea, India>
Peking Univ., Ajou Univ., IIT-D

More than 40 academic & research organizations

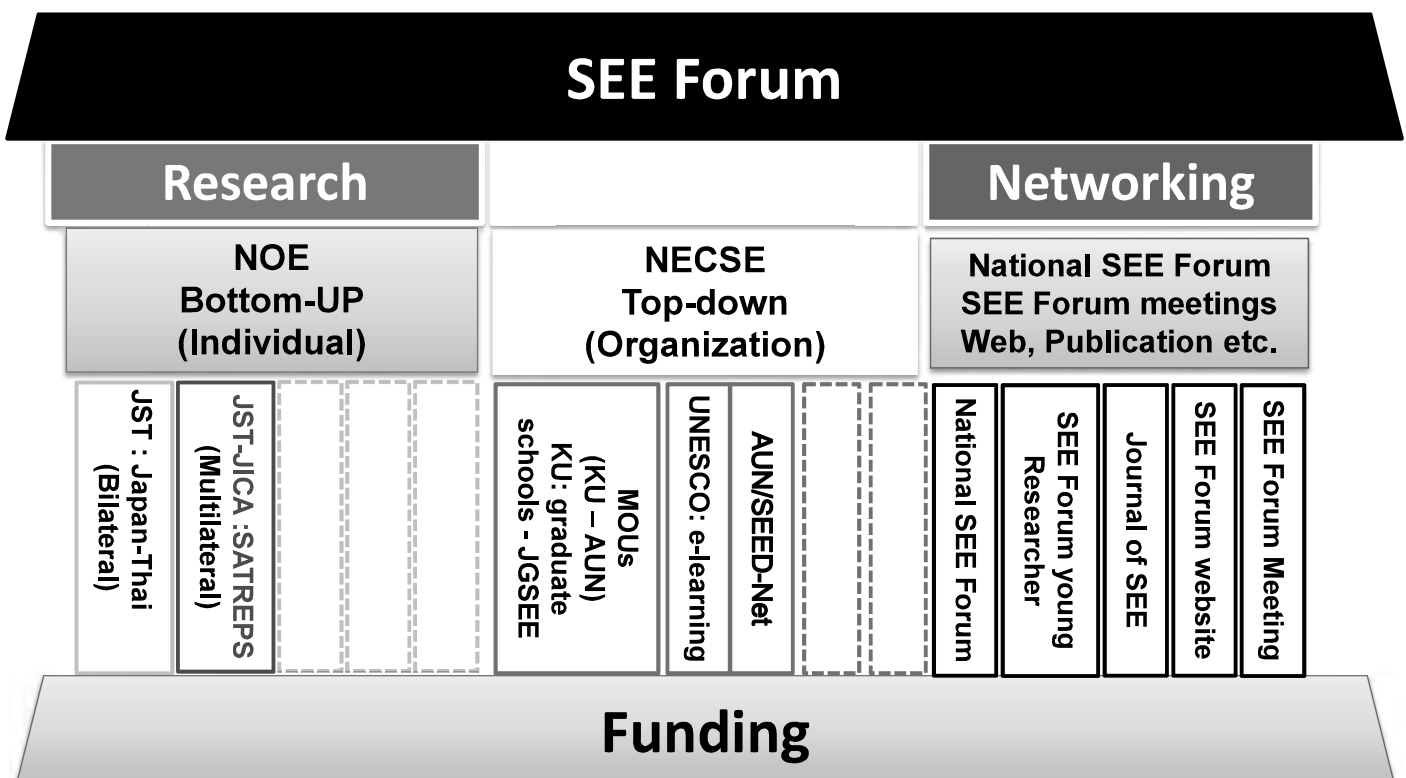
Activities

- Information Exchange (1~2 times/yr)



- Research Collaboration (JST, JICA-JST)
Present : Bilateral => Multilateral
Establishment of Network of Excellences (NOEs)
- Human Capacity Building (AUN/SEED-Net, UNESCO)
- International Journal Publishing (JSEE)

Current status of SEE Forum overview



- ① 「外向き人材の育成」
- ② 「大学の国際化
（留学生、研究者受入れ）、
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