



Education in Asia: A Comparative Perspective

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Outline

- 1. Objective and Framework**
- 2. Overview of Gender and Education
in S/T: Access and Course
Selection**
- 3. Discussion and Future Direction of
the Projects**

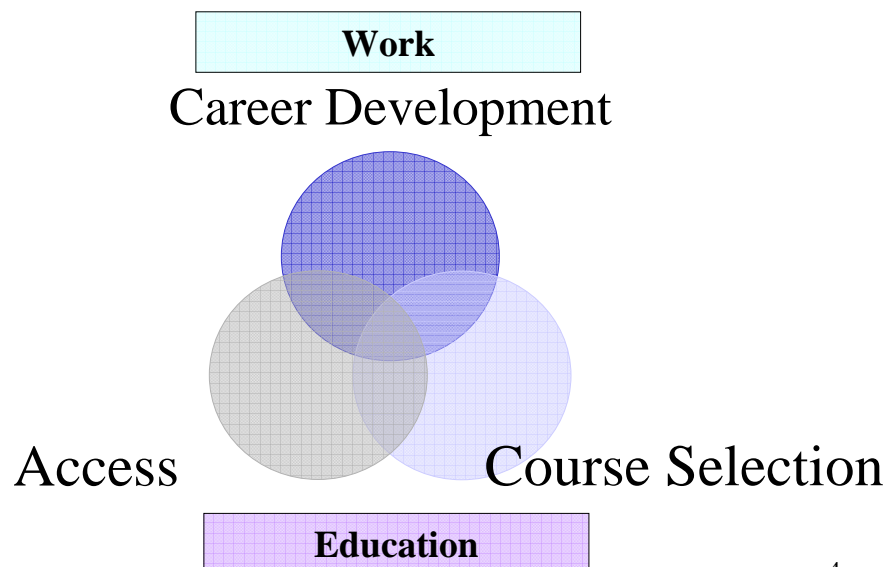
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◆ Objective

- Collecting information and data on education for each country is the base for our discussion on career development of women in S&T in Asia.

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◆ Framework



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Collecting Data

Access

- Students at All Levels
- BAs, MAs and PhDs in S/T

Course Selection

- Major Fields of Study

Career

- Teachers by Position
- Researchers by Position
- Wages

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Access: Examples

- Comparison(Ms. Hermawati)-Enrollment Ratio of Girls by Educational Level

See. P.9

- Taiwan(Dr.Tsai)-Percentage of Female Students in Universities

See. P.50

- Taiwan(Prof. Cheng)-Number of Students at all levels

See. pp.197-98

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Table 1 Third level enrolment per 1,000 population in Asian countries

	Male	Female		Male	Female
Average of Developed Countries	47	51	Cambodia	0.3	1.7
Japan	36	27	Laos	3.6	1.5
China	6.1	3.3	Sri Lanka	5.6	3.9
Korea	70.1	41.8	India	7.9	4.8
Philippines	25.6	34.0	Iran	19.9	11.9
Singapore	27.9	22.5	Syria	18.1	13.0
Malaysia	9.3	9.0	Tajikistan	25.4	11.9
Indonesia	15.2	8.1	Turkey	23.9	15.2
			Yemen	7.3	1.1

Source: United Nations, *The World's Women 2000: Trends and Statistics*

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Course Selection

female-dominated courses?

male-dominated courses?

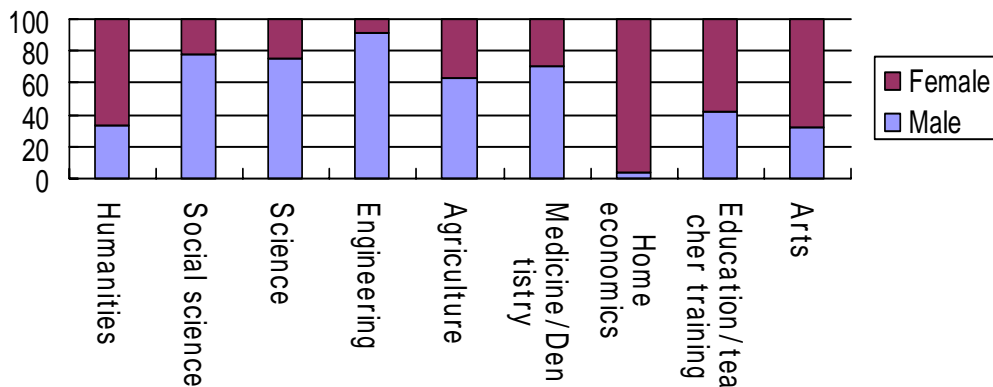
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◆ Course Selections: Examples

- Korea(Prof. Lee)
 -BAs, MAs and PhDs in S/T ➡ See. P.184
- India(Dr.Kumar)
 -Percentage of Girls Enrolled for Different Courses in Higher Education ➡ See. P.207
- China(Prof.Wu)-Peking Univ Senior High School Graduates in Physics ➡ See. P.23
- Taiwan(Prof.Cheng)-Choices of Specialities in Medicine ➡ See. P.67

◆ Figure 1 Percentage of female students in Japanese universities

Students by Field of Study(University-undergraduate courses) in Japan



Source: Statistical Abstract of Education, Science, Sports and Culture, Ministry of Education

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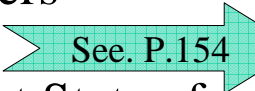
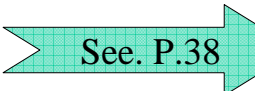
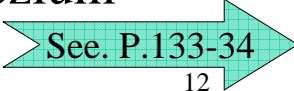
Course Selection in Japan

- The government statistics show female enrollment still concentrated in the Humanities or teaching fields, **with women avoiding Sciences and Engineering.**
- The stereotypical way of thinking is that arts and teaching fields are suitable for women and that science and technology fields are suitable for men.

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Career : Examples

- Comparison(Prof. Ogawa)-Size of total population of women researchers
 See. P.154
- Korea(Prof. Park)-Employment Status for S/T Faculty Members
 See. P.38
- China(Ms.Ge)-Average hours worker, framework of occupation trapezium
 See. P.133-34

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 **Discussion &
Future Direction of the Projects**

*1. To Understand the Differences of
Educational Systems*

*2. To Collect Detailed National
Profiles*

3. To Compare and Analyze Data

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■ INDIA (Neelam Kumar)

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