

地友通訊

三十八號



中華民國八十七年八月二十日出版

國立臺灣師範大學地理學系

發行人的話

四 蔡文彩

1. 本期刊物內略有變動，主要是刊登一些地理教學資料，即世界各國(依 ABC 順排列)的首都、面積、人口、年齡構、識字率、自然資源、農業、工業、進口值及主要貨物，出口值及主要貨物等，取材自 1998 年華爾街日報的 World Almac，本期登至 DOMINICAN REPUBLIC，以後會分期陸續登完，希望各位地友喜歡。也歡迎來函建議想要本刊提供的教學資訊。
2. 本期刊登了「地理研究報告」、「地理教育」的論文；學生(地理學會)出版的論文叢書第一號《台灣生物地理與自然保育》，由鄭勝華老師主持的「生物地理與自然保育研究室」主編，有興趣的老師可向本系圖書室洽購。
3. 為配合未來教師升等及敘薪之法令修改，師大全校將訂有「教學進修碩士班」，本系也正在研擬及籌備中，歡迎各位暑期班修完或未來修暑習班的老師們多注意此項消息及發展趨勢。
4. 為紀念前主任兼文學院長沙學浚教授的逝世，系上正在準備一些包括論文撰寫的紀念活動，各位老師如果有沙學浚老師的珍貴資料，也歡迎提供或借給我們使用。
5. 明年的第三屆「台灣地理研討會」，已經開始籌備，由本系學術發展委員會新召集人楊宗惠教授擔任主委籌備委員，屆時希望各位老師多支持，並請注意本刊之消息。
6. 本系「區域研究中心」正在籌備，已經擁有兩次教育部補助購買書籍 162 萬元的書。地址設於普 214，目前在編書目及設計空間的作業過程中，將於下學期開放，敬請期待。

本期要目

發行人的話 — 蔡文彩主任	P1
地理教學資料 — THE WORLD: An International Report (一) ...	P2
學系概況	P10
編輯室報告	P13



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封面說明：87 年 5 月 23 日本系與台灣省文獻會合辦「第二屆台灣地理學術研討會」。

地理教學資料

THE WORLD : An International Report(一)

§ 阿富汗 AFGHANISTAN §

Capital city: Kabul
Area: total arear:647, 500sq km
 land arear:647, 500sq km
Population: 22, 664, 136
Age structure: 0-14years:43% 15-64years:54%
 65years & over:3%
Literacy rate: 31.5% of total population,
 (males:47.2% , females:15%)
Natural Resources: Natural gas, petroleum, coal,
 copper, talc, barites, sulphur, lead, zinc, iron
 ore, salt, precious and semi-precious stones
Agriculture: Wheat, fruit, nuts, Karakul pelts, wool,
 mutton
Industries: Small-scale production of textiles, soap
 furniture, shoes, fertilizer, cement, handwoven
 carpets, natural gas, oil, coal, copper
Imports: \$616.4 million
 Commodities: Food and petroleum products, most
 consumer goods
Exports: \$188.2 million
 Commodities: Fruits and nuts, hand-woven
 carpets, wool, cotton, hides and pelts, precious and
 semi-precious gems

§ 阿爾巴尼亞 ALBANIA §

Capital city: Tirana
Area: total arear:28, 750sq km
 land arear:27, 400sq km
Population: 3, 249, 136
Age structure: 0-14years:34% 15-64years:60%
 65years & over:6%
Literacy rate: 72% of total population,
 (males:80% , females:63%)
Natural Resources: Petroleum, natural gas, petroleum,
 coal, copper, timber, nickel
Agriculture: Wide range of temperate-zone crops,
 livestock
Industries: Food processing, textiles and clothing,
 lumber, oil, cement, chemicals, mining, basic
 metals, hydropower
Imports: \$601 million
 Commodities: Machinery, consumer goods, grains
Exports: \$141 million
 Commodities: Asphalt, metals and metallic ores,

electricity, crude oil, vegetables, fruits, tobacco

§ 阿爾及利亞 ALGERIA §

Capital city: Algiers
Area: total arear:2, 381, 740sq km
 land arear:2, 381, 740sq km
Population: 29, 183, 032
Age structure: 0-14years:40% 15-64years:56%
 65years & over:4%
Literacy rate: 61.6% of total population,
 (males:73.9% , females:49%)
Natural Resources: Petroleum, natural gas, iron
 ore, phosphates, uranium, lead, zinc
Agriculture: Wheat, barley, oats, grapes, olives,
 citrus, fruits, cattle sheep
Industries: Petroleum, light industries, natural gas
 , mining, electrical, petrochemical, food processing
Imports: \$10.6 billion
 Commodities: Capital goods, food and beverages,
 consumer goods
Exports: \$9.5 billion
 Commodities: Petroleum and natural gas

§ 安哥拉 ANGOLA §

Capital city: Luanda
Area: total arear:1, 246, 700sq km
 land arear:1, 246, 700sq km
Population: 10, 342, 899
Age structure: 0-14years:45% 15-64years:53%
 65years & over:2%
Literacy rate: 42% of total population,
 (males:56% , females:28%)
Natural Resources: Petroleum, diamonds, iron ore,
 phosphates, copper, feldspar, gold, bauxite, uranium
Agriculture: Bananas, sugarcane, coffee, sisal, corn,
 cotton, manioc(tapioca), tobacco, vegetables,
 plantains, livestock, forest products, fish
Industries: Petroleum, diamonds, iron ore, phosphates,
 feldspar, bauxite, uranium, and gold, fish
 processing, food processing , brewing, tobacco,
 sugar, textiles, cement, basic metal products
Imports: \$1.6 billion
 Commodities: Capital equipment(machinery and
 electrical equipment), food, vehicles and spare
 parts, textiles and clothing, medicines,

substantial military deliveries

Exports: \$3 billion

Commodities: Oil, diamonds, refined petroleum products, gas, coffee, sisal, fish and fish products, timber, cotton

§ 阿根廷 ARGENTINA §

Capital city: Buenos Aires

Area: total arear:2,766,890sq km
land arear:2,736,690sq km

Population: 34,672,997

Age structure: 0-14years:28% 15-64years:63%
65years & over:9%

Literacy rate: 96.2% of total population,
(males:96.2%, females:96.2%)

Natural Resources: Fertile plains of the pampas, lead, zinc, tin, copper, iron ore, manganese, petroleum, uranium

Agriculture: Wheat, corn, sorghum, soybeans, sugar beets, livestock

Industries: Food processing, motor vehicles, consumer durables, textiles, chemicals and petrochemicals, printing, metallurgy, steel

Imports: \$19.5 billion

Commodities: Machinery and equipment, chemicals, metals, fuels and lubricants, agricultural products

Exports: \$20.7 billion

Commodities: Meat, wheat, corn, oilseed, manufactured goods

§ 亞美尼亞 ARMENIA §

Capital city: Yerevan

Area: total arear:29,800sq km
land arear:28,400sq km

Population: 3,463,574

Age structure: 0-14years:28% 15-64years:64%
65years & over:8%

Literacy rate: 99% of total population,
(males:99%, females:98%)

Natural Resources: Small deposits of gold, copper, molybdenum, zinc, alumina

Agriculture: Fruit(especially grapes), vegetables, brandy, liqueurs, minor livestock sector

Industries: Much of industry is shut down, metalcutting machine tools, forging-pressing machines, electric motors, tires, knitted wear, hoisery, shoes, silk fabric washing machines, chemicals, trucks, watches, instruments,

microelectronics

Imports: \$661 million

Commodities: Grain, other foods, fuel, other energy

Exports: \$248 million

Commodities: Gold and jewellery, aluminum, transport equipment, electrical equipment scrap metal

§ 澳大利亞 AUSTRALIA §

Capital city: Canberra

Area: total arear:7,686,850sq km
land arear:7,617,930sq km

Population: 18,260,863

Age structure: 0-14years:21% 15-64years:66%
65years & over:13%

Literacy rate: 100% of total population,

Natural Resources: Bauxite, coal, iron ore, copper, tin, silver, uranium, nickel, tungsten, mineral sands, lead, zinc, diamonds, natural gas, petroleum

Agriculture: Wheat, barley, sugarcane, fruit, cattle sheep, poultry

Industries: Mining, industrial and transportation equipment, food processing, chemicals, steel

Imports: \$57.41 billion

Commodities: Machinery and transport equipment, computers and office machines, crude oil and petroleum products

Exports: \$51.57 billion

Commodities: Coal, gold, meat, wool, alumina, wheat, machinery and transport equipment

§ 奧地利 AUSTRIA §

Capital city: Vienna

Area: total arear:83,850sq km
land arear:82,730sq km

Population: 8,023,244

Age structure: 0-14years:18% 15-64years:67%
65years & over:15%

Literacy rate: 99% of total population,

Natural Resources: iron ore, oil, timber, magnesite, lead, coal, lignite, copper, hydropower

Agriculture: Grains, fruit, potatoes, sugar beets, cattle, pigs, poultry, sawn, wood

Industries: Food, iron and steel, machines, textiles, chemicals, electrical, paper and pulp, tourism, mining, motor vehicles

Imports: \$55.3 billion

Commodities: Petroleum, foodstuffs, machinery and equipment, vehicles, chemicals, textiles and

clothing, pharmaceuticals

Exports: \$45.2 billion

Commodities: Machinery and equipment, iron and steel, lumber, textiles, paper products, chemicals

§ AZERBAIJAN §

Capital city: Baku (baki)

Area: total arear:86,600sq km

land arear:86,100sq km

Population: 7,676,953

Age structure: 0-14years:32% 15-64years:61%
65years & over:7%

Literacy rate: 97% of total population,
(males:99%, females:96%)

Natural Resources: Petroleum, natural gas, iron ore, nonferrous metals, alumina

Agriculture: Cotton, grain, rice, grapes, fruit, vegetables, tea, tobacco, cattle, pigs, sheep, goats

Industries: Petroleum and natural gas, petroleum products, oilfield equipment, steel, iron ore, cement, chemicals and petrochemicals, textiles

Imports: \$681.5 million

Commodities: Machinery and parts, consumer durables, foodstuffs, textiles

Exports: \$549.9 million

Commodities: Oil and gas, chemicals, oilfield equipment, textiles, cotton

§ 巴林BAHRAIN §

Capital city: Manama

Area: total arear:620sq km

land arear:620sq km

Population: 590,042

Age structure: 0-14years:31% 15-64years:67%
65years & over:2%

Literacy rate: 85.2% of total population,
(males:89.1%, females:79.4%)

Natural Resources: Oil, associated and nonassociated natural gas, fish

Agriculture: fruit, vegetables, poultry, dairy products, shrimp, fish

Industries: petroleum processing and refining, aluminum smelting, offshore banking, ship repairing

Imports: \$3.29 billion

Exports: \$3.2 billion

Commodities: Petroleum and petroleum products, aluminum

§ 孟加拉共和國 BANGLADESH §

Capital city: Dhaka

Area: total arear:144,000sq km

land arear:133,910sq km

Population: 123,062,800

Age structure: 0-14years:39% 15-64years:58%
65years & over:3%

Literacy rate: 38.1% of total population,
(males:49.4%, females:26.1%)

Natural Resources: Natural gas, arable land, timber

Agriculture: Jute, rice, wheat, sugarcane, potatoes, beef, milk, poultry

Industries: Jute manufacturing, cotton textiles, food processing, steel, fertilizer

Imports: \$4.7 billion

Commodities: Capital goods, petroleum, food, textiles

Exports: \$2.7 billion

Commodities: Garments, jute and jute goods, leather shrimp

§ BELARUS §

Capital city: Minsk

Area: total arear:207,600sq km

land arear:207,600sq km

Population: 10,415,973

Age structure: 0-14years:21% 15-64years:66%
65years & over:13%

Literacy rate: 98% of total population,
(males:99%, females:97%)

Natural Resources: Forests, peat deposits, small quantities of oil and natural gas

Agriculture: Grain, potatoes, vegetables, meat, milk

Industries: Tractors, metal-cutting machine tools, off-highway dump trucks, wheel type earth movers for construction and mining, eight-wheel-drive, high-flotation trucks for use in tundra and roadless areas, equipment for animal husbandry and livestock feeding, motorcycles, television sets, chemical fibers, fertilizer, linen fabric wool fabric, radios, refrigerators, other consumer goods

Imports: \$4.6 billion

Commodities: Fuel, natural gas, industrial raw materials, textiles, sugar

Exports: \$4.2 billion

Commodities: Machinery and transport equipment, chemicals, foodstuffs

§ 比利時 BELGIUM §

Capital city: Brussels
Area: total arear:30, 510sq km
 land arear:30, 230sq km
Population: 10, 170, 241
Age structure: 0-14years:18% 15-64years:66%
 65years & over:16%
Literacy rate: 99% of total population
Natural Resources: Coal, Natural gas
Agriculture: Sugar beets, fresh vegetables, fruits, grain, tobacco, beef, veal, pork, milk
Industries: Engineering and metal products, motor vehicle assembly, processed food and beverages, chemicals, basic metals, textiles, glass, petroleum, coal
Imports: \$140 billion
 Commodities: Fuels, grains, chemicals, foodstuffs
Exports: \$108 billion
 Commodities: Iron and steel, transportation equipment, tractors, diamonds, petroleum products

§ 玻利維亞 BOLIVIA §

Capital city: Sucre(judicial), La Paz (administrative)
Area: total arear:1, 098, 580sq km
 land arear:1, 084, 390sq km
Population: 7, 165, 257
Age structure: 0-14years:39% 15-64years:56%
 65years & over:5%
Literacy rate: 83.1% of total population,
 (males:90.5% , females:76%)
Natural Resources: Tin, natural gas, petroleum, zinc, tungsten, antimony, silver, iron, lead. Gold, timber
Agriculture: Coffee, coca, cotton, corn, sugarcane, rice, potatoes, timber
Industries: Mining, smelting, petroleum, food and beverages, tobacco, handicrafts, clothing
Imports: \$1.21 billion
 Commodities: Capital goods, chemicals, petroleum, food
Exports: \$1.1 billion
 Commodities: Metals, natural gas, soybeans, jewellery, wood

§ BOSNIA AND HERZEGOVINA §

Capital city: Sarajevo
Area: total arear:51, 233sq km
 land arear:51, 233sq km
Population: 2, 656, 240

Age structure: 0-14years:20% 15-64years:68%
 65years & over:12%

Literacy rate: NA%

Natural Resources: Coal, iron, bauxite, manganese, Forests, copper, chromium, lead, zinc

Agriculture: Wheat, corn, fruits, vegetables, livestock

Industries: Steel, coal, iron, ore, lead, manganese, bauxite, vehicle, assembly, textiles, tobacco products, wooden furniture, tank and aircraft assembly, domestic appliances, oil refining, much of capacity damaged or shut down

Imports: \$NA

Commodities: NA

Exports: \$NA

Commodities: NA

§ 巴西 BRAZIL §

Capital city: Brasilia
Area: total arear:8, 511, 965sq km
 land arear:8, 456, 510sq km
Population: 162, 661, 214
Age structure: 0-14years:31% 15-64years:65%
 65years & over:4%
Literacy rate: 83.3% of total population,
 (males:83.3% , females:83.2%)
Natural Resources: Bauxite, gold, iron ore, manganese, nickel, phosphate, platinum, tin, uranium, petroleum, hydropower timber
Agriculture: Coffee, soybeans, wheat, rice, corn, sugarcane, cocoa, citrus, beef
Industries: Textiles, shoes, chemicals, cement, lumber, iron ore, tin, steel, aircraft, motor vehicles and parts, other machinery and equipment
Imports: \$49.7 billion
 Commodities: Crude oil, capital goods, chemical products, foodstuffs, coal
Exports: \$46.5 billion
 Commodities: iron ore, soybean bran, orange juice, footwear, coffee, motor vehicle parts

§ 文萊 BRUNEI §

Capital city: Bandar Seri Begawan
Area: total arear:5, 770sq km
 land arear:5, 270sq km
Population: 299, 939
Age structure: 0-14years:33% 15-64years:62%
 65years & over:5%

Literacy rate: 88.2% of total population,
(males:92.6%, females:83.4%)
Natural Resources: Petroleum, natural gas, timber
Agriculture: Rice cassava(tapioca), bananas, water
buffalo, pigs
Industries: Petroleum, petroleum refining, liquefied
Natural gas, construction
Imports: \$1.8 billion
Commodities: Machinery and transport equipment,
manufactured goods, food, chemicals
Exports: \$2.4 billion
Commodities: Crude oil, liquefied natural gas,
petroleum products

§ 保加利亞 BULGARIA §

Capital city: Sofia
Area: total area:110,910sq km
land area:110,550sq km
Population: 8,612,757
Age structure: 0-14years:17% 15-64years:68%
65years & over:15%
Literacy rate: 98% of total population,
(males:99%, females:97%)
Natural Resources: Bauxite, copper, lead, zinc, coal,
timber, arable land
Industries: Machine building and metal working, food
processing, chemicals, textiles, construction
materials, ferrous and nonferrous metals
Imports: \$4 billion
Commodities: Fuels, minerals, raw materials,
machinery and equipment, textiles and apparel,
agricultural products, metals and ores, chemicals
Exports: \$4.2 billion
Commodities: Machinery and equipment, agriculture
and food, textiles and apparel, metals and ores,
chemicals, minerals and fuels

§ 緬甸 BURMA §

Capital city: Rangoon(regime refers to the capital as
Yangon)
Area: total area:678,500sq km
land area:657,740sq km
Population: 45,975,625
Age structure: 0-14years:37% 15-64years:59%
65years & over:4%
Literacy rate: 83.1% of total population,
(males:88.7%, females:77.7%)
Natural Resources: Petroleum, timber, tin, copper,

antimony, zinc, tungsten, lead, coal, some marble,
limestone, precious stones, natural gas
Agriculture: Paddy rice, corn, oilseed, sugarcane,
pulses, hardwood
Industries: Agricultural processing, textiles and
footwear, wood and wood products, petroleum
refining, copper, tin, tungsten, iron, construction
materials, pharmaceuticals, fertilizer
Imports: \$1.5 billion
Commodities: Machinery, transport equipment,
construction materials, food products, consumer
goods
Exports: \$879 billion
Commodities: Pulses and beans, teak, rice, hardwood

§ 高棉 CAMBODIA §

Capital city: Phnom penh
Area: total area:181,040sq km
land area:176,520sq km
Population: 10,861,218
Age structure: 0-14years:45% 15-64years:51%
65years & over:4%
Literacy rate: 35% of total population,
(males:48%, females:22%)
Natural Resources: Timber, gemstones, some iron ore,
manganese, phosphates, hydropower potential
Industries: Rice milling, fishing, wood and wood
products, rubber, cement, gem mining
Imports: \$630.5 million
Cigarettes, construction materials, petroleum
products, machinery, motor vehicles
Exports: \$240.7 million
Commodities: Timber, rubber, soybeans, sesame

§ 加拿大 CANADA §

Capital city: Ottawa
Area: total area:9,976,140sq km
land area:9,220,970sq km
Population: 28,820,671
Age structure: 0-14years:21% 15-64years:67%
65years & over:12%
Literacy rate: 97% of total population
Natural Resources: Nickel, zinc, copper, gold, lead,
molybdenum, potash, silver, fish, timber, wildlife,
coal, petroleum, natural gas,
Agriculture: Wheat, barley, oilseed, tobacco, fruits,
vegetables, dairy products, forest products,
commercial fisheries(provide annual catch of 1.5

million metric tons)

Industries: Processed and unprocessed minerals, food products, wood and paper products, transportation equipment, chemicals, fish products, petroleum and natural gas

Imports: \$166.7 billion

Commodities: Machinery and transport equipment, manufactured goods, food, chemicals

Exports: \$185 billion

Commodities: Crude oil, chemicals, motor vehicles and parts, durable consumer goods, electronic computers, telecommunications equipment and parts

§ 智利 CHILE §

Capital city: Santiago

Area: total area: 756,950sq km
land area: 748,800sq km

Population: 14,333,258

Age structure: 0-14years: 29% 15-64years: 65%
65years & over: 6%

Literacy rate: 95.2% of total population,
(males: 95.4% , females: 95%)

Natural Resources: Copper, timber, iron ore, nitrates, precious metals, molybdenum

Agriculture: Wheat, Corn, grapes, beans, sugar beets, potatoes, fruit, beef, poultry, wool, timber, fish (catch of 6.6 million metric tons)

Industries: Copper, other minerals, foodstuffs, fish processing, iron and steel, wood and wood products, transport equipment, cement, textiles

Imports: \$14.3 billion

Commodities: Capital goods, spare parts, raw materials, petroleum, foodstuffs

Exports: \$15.9 billion

Commodities: Copper, other metals and minerals, wood products, fish and fishmeal, fruits

§ 中國 CHINA §

Capital city: Beijing

Area: total area: 9,596,960sq km
land area: 9,326,410sq km

Population: 1,210,004,956

Age structure: 0-14years: 26% 15-64years: 67%
65years & over: 7%

Literacy rate: 81.5% of total population
(males: 89.6% , females: 72.7%)

Natural Resources: Coal, iron ore, petroleum, mercury, tin, tungsten, antimony, manganese, molybdenum,

vanadium, magnetite, aluminum, lead, zinc, uranium, hydropower potential (world's largest)

Agriculture: Rice, potatoes, sorghum, peanuts, tea, millet, barley, cotton, other fibers, oilseed, pork and other livestock products, fish

Industries: Steel, coal, machine building, armaments, textiles and apparel, petroleum, cement, chemicals, fertilizers, consumer durables, food processing, autos, consumer electronics, telecommunications

Imports: \$132.1 billion

Commodities: Industrial machinery, textiles, plastics, telecommunications equipment, steel bars, aircraft

Exports: \$148.8 billion

Commodities: Garments, textiles, footwear, toys, machinery and equipment

§ 哥倫比亞 COLOMBIA §

Capital city: Bogota

Area: total area: 1,138,910sq km
land area: 1,038,700sq km

Population: 36,813,161

Age structure: 0-14years: 32% 15-64years: 64%
65years & over: 4%

Literacy rate: 91.3% of total population
(males: 91.2% , females: 91.4%)

Natural Resources: Petroleum, natural gas, coal, iron ore, nickel, gold, copper, emeralds

Agriculture: Coffee, cut flowers, bananas, rice, tobacco, corn, sugarcane, cocoa beans, oilseed, vegetables, forest products, shrimp farming

Industries: Textiles, food processing, oil, clothing and footwear, beverages, chemicals, cement, gold, coal, emeralds

Imports: \$13.5 billion

Commodities: Industrial equipment, transportation equipment, consumer goods, chemicals, paper products

Exports: \$10.5 billion

Commodities: Petroleum, coffee, coal, bananas, fresh cut flowers

§ COSTA RICA §

Capital city: San Jose

Area: total area: 51,100sq km
land area: 50,660sq km

Population: 3,463,083

Age structure: 0-14years: 35% 15-64years: 61%

65years & over:4%

Literacy rate: 94.8% of total population
(males:94.7% , females:95%)

Natural Resources: Hydropower potential

Agriculture: Coffee, bananas, sugar, corn, rice, beans, potatoes, beef, timber(depletion of forest resources has resulted in declining timber output)

Industries: Food processing, textiles and clothing, construction materials, fertilizer, plastic products

Imports: \$3 billion

Commodities: Raw materials, consumer goods, capital equipment, petroleum

Exports: \$2.4 billion

Commodities: Coffee, bananas, textiles, sugar

§ COTE D'IVOIRE §

Capital city: Yamoussoukro

Area: total arear:322,460sq km
land arear:318,000sq km

Population: 14,762,445

Age structure: 0-14years:48% 15-64years:50%
65years & over:2%

Literacy rate: 40.1% of total population
(males:49.9% , females:30%)

Natural Resources: Petroleum, diamonds, manganese, iron ore, cobalt, bauxite, copper

Agriculture: Coffee, cocoa, beans, bananas, palm kernels, corn, rice, manioc, sweet potatoes, sugar, cotton, rubber, timber

Industries: Foodstuffs, beverages, wood products, oil refining, automobile assembly, textiles, fertilizer, construction materials, electricity

Imports: \$1.6 billion

Commodities: Food, capital goods, consumer goods, fuel

Exports: \$2.9 billion

Commodities: Cocoa, coffee, tropical woods, petroleum, cotton, bananas, pineapples, palm oil, fish

§ 克羅埃西亞共和國 CROATIA §

Capital city: Zagreb

Area: total arear:56,538sq km
land arear:56,410sq km

Population: 5,004,112

Age structure: 0-14years:18% 15-64years:69%
65years & over:13%

Literacy rate: 97% of total population
(males:99% , females:95%)

Natural Resources: Oil, some coal, bauxite, low-grade iron ore, calcium, natural asphalt, silica, mica, clays, salt

Agriculture: Wheat, corn, sugar beets, sunflower seed, alfalfa, clover, olives, citrus, grapes, vegetables, livestock breeding, dairy farming

Industries: Chemicals and plastic, machine tools, fabricated metals, electronics, pig iron and rolled steel products, aluminum, paper, wood products, construction materials, textiles, shipbuilding, petroleum and petroleum refining, food and beverages

Imports: \$5.2 billion

Commodities: Machinery and transport equipment, fuels and lubricants, food and live animals, chemicals, miscellaneous manufactured articles, raw materials, beverages and tobacco

Exports: \$4.3 billion

Commodities: Machinery and transport equipment, miscellaneous manufactures, chemicals, food and live animals, raw materials, fuels and lubricants, beverages and tobacco

§ 古巴 CUBA §

Capital city: Havana

Area: total arear:110,860sq km
land arear:110,860sq km

Population: 10,951,334

Age structure: 0-14years:22% 15-64years:68%
65years & over:10%

Literacy rate: 95.7% of total population
(males:96.2% , females:95.3%)

Natural Resources: Cobalt, nickel, iron ore, copper, manganese, salt, timber, silica, petroleum

Agriculture: Sugarcane, tobacco, citrus, coffee, rice, potatoes, and other tubers, beans, livestock

Industries: Sugar, petroleum, food, tobacco, textiles, chemicals, paper and wood products, metals(particularly nickel), cement, fertilizer, consumer goods, agricultural machinery

Imports: \$2.4 billion

Commodities: Petroleum, food, machinery, chemicals

Exports: \$1.6 billion

Commodities: Sugar, nickel, shellfish, tobacco, medical products, citrus, coffee

§ CZECH REPUBLIC §

Capital city: Prague

Area: total arear:78,703sq km
land arear:78,645sq km

Population: 10,321,120

Age structure: 0-14years:18% 15-64years:68%
65years & over:14%

Literacy rate: 99% of total population

Natural Resources: Hard coal, soft coal, kaolin, clay, graphite

Agriculture: Grains, potatoes, sugar beets, hops, fruit, pigs, cattle, poultry, forest products

Industries: Fuels, ferrous metallurgy, machinery and equipment, coal, motor vehicles, glass, armaments

Imports: \$21.3 billion

Commodities: Machinery and transport equipment, manufactured goods, chemicals, fuels and lubricants, raw materials, agricultural products

Exports: \$17.4 billion

Commodities: Manufactured goods, machinery and transport equipment, chemicals, fuels, minerals, metals, agricultural products

§ DEMOCRATIC REPUBLIC OF CONGO §
剛果民主黨共和國

Capital city: Kinshasa

Area: total arear:2,345,410sq km
land arear:2,267,600sq km

Population: 46,498,539

Age structure: 0-14years:48% 15-64years:49%
65years & over:3%

Literacy rate: 77.3% of total population
(males:86.6%, females:67.7%)

Natural Resources: Cobalt, copper, cadmium, petroleum, industrial and gem diamonds, gold, silver, zinc, manganese, tin, germanium, uranium, radium, bauxite, iron ore, coal hydropower potential

Agriculture: Coffee, sugar, palm oil, rubber, tea, quinine, cassava(tapioca), palm oil, bananas, root crops, corn, fruits, wood products

Industries: Mining, mineral processing, consumer products(including textiles, footwear, cigarettes, processed foods and beverages), cement, diamonds

Imports: \$382 million

Commodities: Consumer goods, foodstuffs, mining and other machinery, transport equipment, fuels

Exports: \$419 million

Commodities: Copper, coffee, diamonds, cobalt, crude oil

§ 丹麥 DENMARK §

Capital city: Copenhagen

Area: total arear:43,070sq km
land arear:42,370sq km

Population: 5,249,632

Age structure: 0-14years:17% 15-64years:67%
65years & over:16%

Literacy rate: 99% of total population

Natural Resources: Petroleum, natural gas, fish, salt, limestone

Agriculture: Grain, potatoes, rape, sugar beets meat, dairy products, fish

Industries: Food processing, machinery and equipment, textiles and clothing, chemical products, electronics, construction, furniture, and other wood products, shipbuilding

Imports: \$34 billion

Commodities: Petroleum, machinery and equipment, chemicals, grain and foodstuffs, textiles, paper

Exports: \$39.6 billion

Commodities: Meat and meat products, dairy products, transport equipment(shipbuilding), fish, chemicals, industrial machinery

§ 多明尼加共和國 DOMINICAN REPUBLIC §

Capital city: Santo Domingo

Area: total arear:48,730sq km
land arear:48,380sq km

Population: 8,088,881

Age structure: 0-14years:34% 15-64years:62%
65years & over:4%

Literacy rate: 82.1% of total population
(males:82%, females:82.2%)

Natural Resources: Nickel, bauxite, gold, silver

Agriculture: Sugarcane, coffee, cotton, cocoa, tobacco, rice, beans, potatoes, corn, bananas, cattle, pigs, dairy products, meat, eggs

Industries: Tourism, sugar processing, ferronickel and gold mining, textiles, cement, tobacco

Imports: \$2.867 million

Commodities: Foodstuffs, petroleum, cotton and fabrics, chemicals and pharmaceuticals

Exports: \$837.7 million

Commodities: Ferronickel, sugar, gold, coffee, cocoa

註:1.依英文字母順序排列(A~D)

2.資料摘自 THE WALL STREET JOURNAL (ALMANAC)

1998

學系概況

人事動態

本系講師陳哲銘先生赴美進修。



期刊論文

※《地理研究報告》第二十八期已出版：

- 吳賽樂：鄉村工業仍存在於台灣嗎？，P1-12
- 潘朝陽：臺灣關帝信仰的文教內涵：以苗栗區域為例之詮釋，P13-36
- 潘桂成：“環境”在人本主義地理學的意義，P37-52
- 張嘉慧：臺灣甘藷食物供需特性研究，P53-82
- 張瑞津、石再添、陳翰霖：台灣西南部嘉南平原的海岸變遷研究，P83-106
- 鄭勝華，周學政，陳哲銘：地理學科網路教學的發展潛力與資源中心建構的概念，P107-136

※《地理教育》第二十四期已出版：

- 陳國章：從地名可辨別泉、漳語群的分布——以臺灣地名為例，P1-4
- 張偉綸、蕭倩慧、徐勝一：極光——天際舞動的精靈，P5-16
- 陳岫傑：蘆洲之經濟變遷與區域發展，P17-36
- 張瑋蕙：與天爭水——論水庫興建之利弊，以石門水庫為例，P37-52
- 池永歆：空間、地方與鄉土：以東勢大茅埔為例的詮釋，P53-66
- 王秋掄：大平市的經濟轉型與社會變遷，P67-82
- 翁崇明：臺灣地方派系之初探——以嘉義縣為例，P83-96
- 劉子瑋：砂勝越石隆門礦業聚落的形成與發展，P97-114
- 吳文煜：從一本女性主義地理學教科書的出版談起——『好好「做」性別：女性主義，女性主義者與人文地理研究法譯寫』，P115-124
- 朱淑芳：新嘉坡地理教育的一些特色，P125-136
- 胡金印：荷蘭高級中學普通教育新地理課程：以技能作為改變中，P137-144
- 韋煙灶、陳泳男、李宜靜：新竹城隍廟巡禮，P145-160

※國立台灣師範大學地理學系地理學會論文叢書第一號《台灣生物地理與自然保育(一)》，由本系「生物地理與自然保育研究室」主編，「地理學會」出版

- 林誌良：七星山包驛矢竹與芒草植被分布及其影響因素的探討，p1-20
- 董士鴻、張尹縉：陽明山龍鳳谷硫磺氣孔區植物地理研究，p21-48
- 林秀貞、陳怡如：公園綠地生物資源調查分析——以台北市植物園第V及XV區為例，p49-70
- 王承進：都市綠地鳥類棲地調查——以台灣師範大學校園白頭翁為例，p71-82
- 王晴薇、黃文珊：台北縣汐止鎮康誥坑溪海拔200公尺以下鳥類資源調查，p83-114
- 蕭郁慧：阿美族的檳榔文化與植栽初探光復鄉馬鞍社及太巴壠社為例，p115-126

葉曉雨：花蓮寄生蜂生物防治技術的空間擴散過程——以玉米田為例，p127-140

李宜萍、利天龍：台灣養殖豬的生物地理研究，p141-166

※《中國地理學會會刊》第二十六期

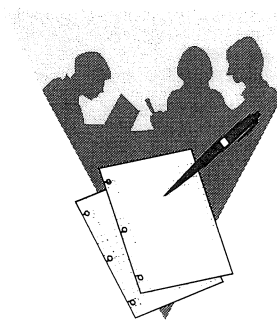
紀念文

劉鴻喜：敬懷吾師沙學浚教授——半世紀的師生緣，p1-4

姜道章：沙學浚教授對中國歷史地理研究的貢獻，p5-9

賀忠儒、李薰楓：沙學浚教授生平及其貢獻，p10-22

王洪文：悼念陳教授伯中兄，p23-24



研究論文

林登秋、蔡春華、顏秋琴、蕭美滿、陳琇如：高中地理教師對土壤教材內容意見之調查研究，p25-38

羅美娥：中學地理教學之原則與實務——以認識臺灣（地理篇）課程為例，p39-56

李薰楓、黃朝恩：美國「國家地理科課程標準」的內容和精神，p57-72

許民陽、高慶珍、高鵬飛、鄭紹龍：花東海岸後退的研究——花蓮至長濱段，p73-98

蔡衡、宋國城、傅炯貴、齊士崢、李沛然：蘭陽溪扇階崖坡形態之演育，p99-115

王儀臻、李建堂：關渡紅樹林沼澤地景觀變遷之研究，p115-128

李建堂：對數—雙曲線分佈於粒度分析的應用：老梅前濱沙丘個案研究，p129-142

王礎儀：珠江三角洲基塘農業歷史變遷與生態環境初探，p143-156

顧人和：試論方言文化景觀和蘇南吳語的地域風情，p157-168

學會報導

姜道章：第十八屆國際地圖學會議紀實，p169-188

張瑞津：第四屆國際地形學會議紀實，p189-192

陳國彥、徐勝一、林雪美：本會一年大事記，p193-195

※中國地理學會專刊《地方志與鄉土教育論文集》

池永欽：空間、地方與鄉土：以東勢大茅埔為例的歷史地理詮釋，p1-20

楊鏡汀：認識舊地名落實鄉土教學——以新竹客家地區之考察為例，p21-32

汪明輝：關於台灣原住民的鄉土教育的一些反省，p33-40

陳源在：鄉鄉土土的教育——以台北盆地及其周緣景觀的賞析示例，p41-66

陳美鈴：鄉土教材的編纂與地方志的運用，p67-78

林聖欽：方志在學校鄉土教育中的應用：以清代台灣方志為例，p79-90

陳國川：鄉土地域的界定與鄉土鄉土特色的掌握，p91-116

嚴勝雄：從地理教育談鄉土，p117-126

吳文星：如何利用地方志——以鄉鎮志為中心，p127-132

◆ 學術活動

※慶祝本校五十二週年校慶，本系與台灣省文獻會合辦「第二屆台灣地理學術研討會」於87年5月23日假本校綜合大樓二樓演講廳舉行。網路與通訊報名近400人，現場報名亦非常踴躍，資

料袋等已索取一空，論文集與臺灣地理辭典〈中冊〉可至本系系圖書館借閱。

※87年7月15日中國地理學會在師大召開地理學研討會，主題為「地方志與鄉土教育」及「碩士論文發表」，分兩個會場舉行，討論熱烈，翌日並在芝山岩、大龍峒考察。

※地理學系碩士班畢業論文題目如下：(依筆劃順序排列)

研究生	論 文 題 目	指 導 教 授
古月婷	新竹地區家電產品的市場地理研究	周學政
朱毓慧	公館平原村廟之空間配置及景觀內涵	潘朝陽
吳秋瑾	嘉義縣竹崎鄉農業經營的區域類型	陳憲明
李嘉雯	台灣養豬業經營型態之區域結構比較—以屏東、桃園為例	陳憲明
林思佳	台灣糖業發展和地方特性之形塑—以高雄縣橋頭鄉為例	施添福
洪淑君	火山活動與台灣氣候變遷	徐勝一
張素瑤	湖口鄉的聚落型態	陳國川
郭莉芳	竹北和竹東地域發展的比較研究	陳國川
陳文姿	新竹海岸地區環境資源管理之研究	黃朝恩、丘逸民
陳淑萍	南賽夏族的領域歸屬意識	陳憲明
曾琇吟	玉井鄉芒果產業之地理研究—專業生產區的形成與運作機制	鄭勝華
楊俊秀	野柳岬植物多樣性與景觀資源	鄭勝華
趙永富	「大肚」地方性的構成—文化歷史地理的詮釋	潘朝陽
蔡清寬	屏東隘寮地區原住民保留地土芒果專業區形成之機制與族群經營特性	鄭勝華
蔡學民	山海經的歷史地理區域重塑	潘桂成
鄭雅清	新埤庄的空間性—以宗教景觀和祭祀活動為例的詮釋	潘朝陽
黎勉旻	漫畫消費空間初探—以台北市為例	潘桂成
盧聖真	泰雅族宗教變遷的地理意涵—以桃園復興鄉三光村為個案之研究	潘朝陽
鍾瑾霖	林邊溪中游的拓墾與聚落發展	施添福

※地理學系博士班畢業論文題目如下：

研究生	論 文 題 目	指 導 教 授
王柏山	台灣水產養殖之區域發展—型態、過程與特性	陳國章

✎ 學生活動

※地理學會出版之地理教育第廿四期參加87年全國青年期刊比賽，榮獲大專組學術性期刊類甲等獎。

※本系今年「陳國章教授學術論著出版獎助金」得獎者為
陳文姿同學，論文題目：新竹海岸地區環境資源管理之研究

林思佳同學，論文題目：台灣糖業發展和地方特性之形塑—以高雄縣橋頭鄉為例

※「師大第三屆台灣人文研究學術獎」本系同學申請得獎名單：

史地類研究生組第三名：吳秋瑾同學 題目：奮起湖和石棹地區農業發展之比較

史地類大學部組第一名：林志秋同學 題目：漢化平埔族村落的神社空間—以台南縣東山鄉吉貝奕聚落為例

※錄取本系八十七學年度博士班榜單：

陳鸞鳳、葉偉成、吳家彧、齊祿祥、莫皓帆

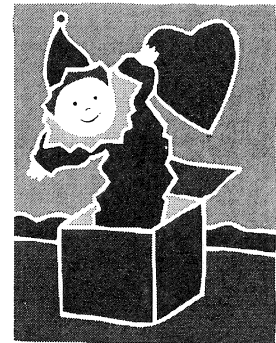
※錄取本系八十七學年度碩士班榜單：

正取(壹拾肆名)

林佳慧、劉盈劭、蔡文芳、陳柳均、莊惠如、葉宛錡、莊富凱、蕭郁慧、連珮瑩、楊宗穆、張玲瑛、王瓊足、鄭玉惠、楊艷屏

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黃瓊慧、賴雪真



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