

# **Survey of Research and Experimental Development Businesses 2001-02**

## **Research Fields, Courses and Disciplines and Socio-Economic Objective Classifications**

This booklet is designed to assist in the completion of the Survey of Research and Experimental Development. The Research and Experimental Development surveys provide comprehensive data on Australia's R&D effort and are used by government and advisers to government, international organisations such as the OECD and UNESCO, businesses, economists and others.

## Research Fields, Courses and Disciplines

Please note that this classification refers to the field in which the R&D activity is performed; i.e. ‘what’ research is being performed.

Field	Code	Field	Code
<b>Mathematical Sciences</b>		Mechanical and Industrial Engineering ... ..	2905
Mathematics ... ..	2301	Chemical Engineering ... ..	2906
Statistics ... ..	2302	Resources Engineering ... ..	2907
Other Mathematical Sciences ... ..	2399	Civil Engineering ... ..	2908
<b>Physical Sciences</b>		Electrical and Electronic Engineering ... ..	2909
Astronomical Sciences ... ..	2401	Geomatic Engineering ... ..	2910
Theoretical and Condensed Matter Physics ... ..	2402	Environmental Engineering ... ..	2911
Atomic and Molecular Physics; Nuclear and Particle Physics; Plasma Physics ... ..	2403	Maritime Engineering ... ..	2912
Optical Physics ... ..	2404	Metallurgy ... ..	2913
Classical Physics ... ..	2405	Materials Engineering ... ..	2914
Other Physical Sciences ... ..	2499	Biomedical Engineering ... ..	2915
<b>Chemical Sciences</b>		Computer Hardware ... ..	2916
Physical Chemistry (incl. Structural) ... ..	2501	Communications Technologies ... ..	2917
Inorganic Chemistry ... ..	2502	Interdisciplinary Engineering ... ..	2918
Organic Chemistry ... ..	2503	Other Engineering and Technology ... ..	2999
Analytical Chemistry ... ..	2504	<b>Agricultural, Veterinary and Environmental Sciences</b>	
Macromolecular Chemistry ... ..	2505	Soil and Water Sciences ... ..	3001
Theoretical and Computational Chemistry ... ..	2506	Crop and Pasture Production ... ..	3002
Other Chemical Sciences ... ..	2599	Horticulture ... ..	3003
<b>Earth Sciences</b>		Animal Production ... ..	3004
Geology ... ..	2601	Veterinary Sciences ... ..	3005
Geophysics ... ..	2602	Forestry Sciences ... ..	3006
Geochemistry ... ..	2603	Fisheries Sciences ... ..	3007
Oceanography ... ..	2604	Environmental Sciences ... ..	3008
Hydrology ... ..	2605	Land, Parks and Agriculture Management ... ..	3009
Atmospheric Sciences ... ..	2606	Other Agricultural, Veterinary and Environmental Sciences ... ..	3099
Other Earth Sciences ... ..	2699	<b>Architecture, Urban Environment and Building</b>	
<b>Biological Sciences</b>		Architecture and Urban Environment ... ..	3101
Biochemistry and Cell Biology ... ..	2701	Building ... ..	3102
Genetics ... ..	2702	Other Architecture, Urban Environment and Building	3199
Microbiology ... ..	2703	<b>Medical and Health Sciences</b>	
Botany ... ..	2704	(See also ‘Biological Sciences’: Only programs with direct medical relevance should be classified as ‘Medical and Health Sciences’)	
Zoology ... ..	2705	Immunology ... ..	3202
Physiology ... ..	2706	Medical Biochemistry and Clinical Chemistry ... ..	3203
Ecology and Evolution ... ..	2707	Medical Microbiology ... ..	3204
Biotechnology ... ..	2708	Pharmacology and Pharmaceutical Sciences ... ..	3205
Other Biological Sciences ... ..	2799	Medical Physiology ... ..	3206
<b>Information, Computing and Communication Sciences</b>		Neurosciences ... ..	3207
Information Systems ... ..	2801	Dentistry ... ..	3208
Artificial Intelligence and Signal and Image Processing ... ..	2802	Optometry ... ..	3209
Computer Software ... ..	2803	Clinical Sciences ... ..	3210
Computation Theory and Mathematics ... ..	2804	Nursing ... ..	3211
Data Format ... ..	2805	Public Health and Health Services ... ..	3212
Other Information, Computing and Communication Sciences ... ..	2899	Complementary/alternative Medicine ... ..	3213
<b>Engineering and Technology</b>		Human Movement and Sports Science ... ..	3214
Industrial Biotechnology and Food Sciences ... ..	2901	Other Medical and Health Sciences ... ..	3299
Aerospace Engineering ... ..	2902	<b>Education</b>	
Manufacturing Engineering ... ..	2903	Education ... ..	3300
Automotive Engineering ... ..	2904	<b>Economics</b>	
		Economics ... ..	3400

## Research Fields, Courses and Disciplines – (continued)

Field	Code	Field	Code
Commerce, Management, Tourism and Services			
Commerce, Management, Tourism and Services ... ..	3500		
Policy and Political Science			
Policy and Political Science ... ..	3600		
Studies in Human Society			
Studies in Human Society ... ..	3700		
Behavioural and Cognitive Sciences			
Behavioural and Cognitive Sciences ... ..	3800		
Law, Justice and Law Enforcement			
Law, Justice and Law Enforcement ... ..	3900		
Journalism, Librarianship and Curatorial Studies			
Journalism, Librarianship and Curatorial Studies ...	4000		
The Arts			
The Arts ... ..	4100		
Language and Culture			
Language and Culture ... ..	4200		
History and Archaeology			
History and Archaeology ... ..	4300		
Philosophy and Religion			
Philosophy and Religion ... ..	4400		



**Research Fields, Courses and Disciplines – Detailed Classification**  
– *(continued)*

<b>Field</b>	<b>Code</b>	<b>Field</b>	<b>Code</b>
<b>Chemical Sciences – <i>(continued)</i></b>			
Theoretical and Computational Chemistry . . . . .	2506	Atmospheric Sciences . . . . .	2606
Quantum chemistry		Meteorology	
Statistical mechanics		Climatology (incl. palaeoclimatology)	
Reaction kinetics and dynamics		Ionospheric and magnetospheric physics	
Radiation and matter		Atmospheric sciences not elsewhere classified	
Theory of materials		Other Earth Sciences . . . . .	2699
Macromolecular design		Physical geography	
Theoretical and computational chemistry not elsewhere classified		Earth sciences not elsewhere classified	
Other Chemical Sciences . . . . .	2599	<b>Biological Sciences</b>	
Organometallic chemistry		Biochemistry and Cell Biology . . . . .	2701
Environmental chemistry (incl. atmospheric chemistry)		Analytical biochemistry	
Industrial chemistry		Cell metabolism	
Supramolecular chemistry		Protein targeting and signal transduction	
Chemical sciences not elsewhere classified		Membrane biology	
<b>Earth Sciences</b>		Cellular interactions (incl. adhesion, matrix, cell wall)	
Geology . . . . .	2601	Cell development (incl. cell division and apoptosis)	
Mineralogy and crystallography		Cell neurochemistry	
Igneous and metamorphic petrology		Enzymes	
Vulcanology		Biochemistry and cell biology not elsewhere classified	
Sedimentology		Genetics . . . . .	2702
Petroleum geology		Gene expression	
Ore deposit petrology		Genome structure	
Structural geology		Population and ecological genetics	
Geotectonics		Anthropological genetics	
Geochronology		Genetic development (incl. sex determination)	
Biostratigraphy		Genetic immunology	
Other stratigraphy (incl. sequence stratigraphy)		Quantitative genetics	
Palaeontology		Molecular evolution	
Palynology		Meiosis and recombination	
Geomorphology		Neurogenetics	
Glaciology		Genetics not elsewhere classified	
Geology not elsewhere classified		Microbiology . . . . .	2703
Geophysics . . . . .	2602	Bacteriology	
Gravity		Archaeobacteriology	
Geomagnetism		Virology	
Electromagnetism		Infectious agents	
Petrophysics		Mycology	
Explosion seismology		Microbial genetics	
Earthquake seismology		Microbial ecology	
Radiometrics		Microbial systematics, taxonomy and phylogeny	
Geophysics not elsewhere classified		Microbiology not elsewhere classified	
Geochemistry . . . . .	2603	Botany . . . . .	2704
Trace element and isotope geochemistry		Plant systematics, taxonomy and phylogeny	
Exploration geochemistry		Plant physiology	
Organic geochemistry not elsewhere classified		Plant pathology	
Inorganic geochemistry not elsewhere classified		Phycology	
Geochemistry not elsewhere classified		Botany not elsewhere classified	
Oceanography . . . . .	2604	Zoology . . . . .	2705
Biological oceanography		Animal systematics, taxonomy and phylogeny	
Chemical oceanography		Neurobiology	
Physical oceanography		Animal anatomy and histology	
Oceanography not elsewhere classified		Invertebrate biology	
Hydrology . . . . .	2605	Zoology not elsewhere classified	
Groundwater hydrology			
Surfacewater hydrology			
Hydrology not elsewhere classified			

**Research Fields, Courses and Disciplines – Detailed Classification**  
– *(continued)*

Field	Code	Field	Code
<b>Biological Sciences – <i>(continued)</i></b>		Virtual reality and related simulation	
Physiology . . . . .	2706	Neural networks, genetic algorithms and fuzzy logic	
Animal physiology – biophysics		Other artificial intelligence	
Animal physiology – cell		<b>Computer Software</b> . . . . .	2803
Animal physiology – systems		Programming techniques	
Comparative physiology		Software engineering	
Physiology not elsewhere classified		Programming languages	
<b>Ecology and Evolution</b> . . . . .	2707	Operating systems	
Freshwater ecology		Multimedia programming	
Marine and estuarine ecology (incl. marine ichthyology)		Computer software not elsewhere classified	
Terrestrial ecology		<b>Computation Theory and Mathematics</b> . . . . .	2804
Landscape ecology		Analysis of algorithms and complexity	
Palaeoecology		Mathematical logic and formal languages	
Life histories (incl. population ecology)		Logics and meanings of programs	
Sociobiology and behavioural ecology		Numerical analysis	
Conservation and biodiversity		Discrete mathematics	
Biogeography		Mathematical software	
Ecology and evolution not elsewhere classified		Computation theory and mathematics not elsewhere classified	
<b>Biotechnology</b> . . . . .	2708	<b>Data Format</b> . . . . .	2805
Gene therapy		Data structures	
Diagnostic applications		Data storage representations	
Transgenesis		Files	
Genetic technologies: transformation, site-directed mutagenesis, etc.		Data encryption	
Genetic engineering and enzyme technology		Data security	
Biotechnology not elsewhere classified		Coding and information theory	
<b>Other Biological Sciences</b> . . . . .	2799	Data format not elsewhere classified	
Global change biology		<b>Other Information, Computing and</b>	
Biological sciences not elsewhere classified		<b>Communication Sciences</b> . . . . .	2899
<b>Information, Computing and Communication Sciences</b>		Other information, computing and communication sciences	
<b>Information Systems</b> . . . . .	2801	<b>Engineering and Technology</b>	
Information systems organisation		<b>Industrial Biotechnology and Food Sciences</b> . . . . .	2901
Information systems management		Fermentation, biotechnology and industrial microbiology	
Information storage, retrieval and management		Food engineering	
Computer-human interaction		Food processing	
Interfaces and presentation		Other food sciences	
Interorganisational information systems		Other industrial biotechnology	
Global information systems		<b>Aerospace Engineering</b> . . . . .	2902
Database management		Aerodynamics	
Decision support and group support systems		Flight dynamics	
Systems theory		Aerospace structures	
Conceptual modelling		Aircraft performance	
Information systems development methodologies		Flight control systems	
Information systems not elsewhere classified		Aerospace electrical systems	
<b>Artificial Intelligence and Signal and</b>		Satellite, space vehicle and missile design	
<b>Image Processing</b> . . . . .	2802	Aerospace engineering not elsewhere classified	
Expert systems			
Computer graphics			
Image processing			
Signal processing			
Text processing			
Speech recognition			
Pattern recognition			
Computer vision			
Intelligent robotics			
Simulation and modelling			

## Research Fields, Courses and Disciplines – Detailed Classification – (continued)

Field	Code	Field	Code
Engineering and Technology – (continued)		Maritime Engineering ... ..	2912
Manufacturing Engineering ... ..	2903	Naval architecture	
Robotics and mechatronics		Ship and platform hydrodynamics	
Flexible manufacturing systems		Ship and platform structures	
CAD/CAM systems		Marine engineering	
Control engineering		Ocean engineering	
Welding technology		Special vehicles	
Textile technology		Maritime engineering not elsewhere classified	
Printing technology		Metallurgy ... ..	2913
Packaging, storage and transportation		Process metallurgy	
Safety and quality		Physical metallurgy	
Manufacturing engineering not elsewhere classified		Materials Engineering ... ..	2914
Automotive Engineering ... ..	2904	Polymers	
Automotive engineering		Composite materials	
Mechanical and Industrial Engineering ... ..	2905	Alloy materials	
Mechanical engineering		Ceramics	
Industrial engineering		Timber	
Chemical Engineering ... ..	2906	Pulp and paper	
Chemical engineering design		Plastics	
Process control and simulation		Materials engineering not elsewhere classified	
Membrane and separation technologies		Biomedical Engineering ... ..	2915
Chemical engineering not elsewhere classified		Clinical engineering	
Resources Engineering ... ..	2907	Rehabilitation engineering	
Mining engineering		Biomaterials	
Mineral processing		Biomechanical engineering	
Petroleum and reservoir engineering		Biomedical engineering not elsewhere classified	
Geomechanics		Computer Hardware ... ..	2916
Resources engineering not elsewhere classified		Arithmetic and logic structures	
Civil Engineering ... ..	2908	Memory structures	
Structural engineering		Input, output and data devices	
Water and sanitary engineering		Logic design	
Transport engineering		Processor architectures	
Construction engineering		Computer hardware not elsewhere classified	
Geotechnical engineering		Communications Technologies ... ..	2917
Civil engineering not elsewhere classified		Antenna technology	
Electrical and Electronic Engineering ... ..	2909	Optical and photonic systems	
Electrical engineering		Digital systems	
Integrated circuits		Computer communications networks	
Other electronic engineering		Microwave and millimetrewave technology	
Geomatic Engineering ... ..	2910	Broadband network technology	
Geodesy		Modem technology	
Surveying		Baseband technology	
Photogrammetry and remote sensing		Satellite communications	
Spatial information systems		Radio communications and broadcasting not elsewhere classified	
Navigation and position fixing		Communications technologies not elsewhere classified	
Cartography		Interdisciplinary Engineering ... ..	2918
Geomatic engineering not elsewhere classified		Fluidization and fluid mechanics	
Environmental Engineering ... ..	2911	Heat and mass transfer operations	
Environmental engineering modelling		Turbulent flows	
Bio-remediation		Nanotechnology	
Environmental engineering design		Interdisciplinary engineering not elsewhere classified	
Environmental technologies		Other Engineering and Technology ... ..	2999
Environmental engineering not elsewhere classified		Agricultural engineering	
		Combustion and fuel engineering	
		Biosensor technologies	
		Engineering/technology instrumentation	
		Engineering and technology not elsewhere classified	



**Research Fields, Courses and Disciplines – Detailed Classification**  
– (continued)

<b>Field</b>	<b>Code</b>	<b>Field</b>	<b>Code</b>
Agricultural, Veterinary and Environmental Sciences		Fisheries Sciences . . . . .	3007
Soil and Water Sciences . . . . .	3001	Physiology and genetics	
Soil physics		Pests and diseases	
Soil biology		Aquaculture	
Soil chemistry		Ecosystem studies and stock assessment	
Land capability and soil degradation		Evaluation of management strategies	
Applied hydrology (drainage, flooding, irrigation, quality, etc.)		Fisheries sciences not elsewhere classified	
Soil and water sciences not elsewhere classified		Environmental Sciences . . . . .	3008
Crop and Pasture Production . . . . .	3002	Environmental management and rehabilitation	
Plant biochemistry and physiology		Wildlife and habitat management	
Plant nutrition		Natural resource management	
Plant improvement (selection, breeding and genetic engineering)		Environmental impact assessment	
Plant protection (pests, diseases and weeds)		Conservation	
Agronomy		Environmental sciences not elsewhere classified	
Post harvest technologies (transportation and storage)		Land, Parks and Agriculture Management . . . . .	3009
Crop and pasture production not elsewhere classified		Farm management, rural management and agribusiness	
Horticulture . . . . .	3003	Land and parks management	
Plant improvement (selection, breeding and genetic engineering)		Sustainable development	
Plant growth and development		Land, parks and agriculture management not elsewhere classified	
Plant protection (pests, diseases and weeds)		Other Agricultural, Veterinary and Environmental Sciences . . . . .	3099
Post harvest technologies		Fertilisers and agrochemicals (application etc.)	
Oenology and viticulture		Education and extension	
Horticulture not elsewhere classified		Agricultural, veterinary and environmental sciences not elsewhere classified	
Animal Production . . . . .	3004	Architecture, Urban Environment and Building	
Animal breeding		Architecture and Urban Environment . . . . .	3101
Animal reproduction		Architecture	
Animal nutrition		Heritage and conservation	
Animal husbandry		Urban and regional planning	
Animal protection (pests and pathogens)		Landscape planning	
Animal growth and development		History of the built environment	
Animal production not elsewhere classified		Interior and environmental design	
Veterinary Sciences . . . . .	3005	Architecture and urban environment not elsewhere classified	
Veterinary medicine		Building . . . . .	3102
Anaesthesiology and intensive care		Building science and techniques	
Epidemiology		Building construction management	
Immunology		Building construction economics (incl. quantity surveying)	
Anatomy and physiology		Building not elsewhere classified	
Pathology		Other Architecture, Urban Environment and Building	3199
Microbiology (excl. virology)		Other architecture, urban environment and building	
Parasitology		Medical and Health Sciences	
Radiology and imaging		(See also 'Biological Sciences': Only programs with direct medical relevance should be classified as 'Medical and Health Sciences')	
Virology		Immunology . . . . .	3202
Surgery		Allergy	
Pharmacology		Cellular immunology	
Veterinary sciences not elsewhere classified		Humoral immunology and immunochemistry	
Forestry Sciences . . . . .	3006	Immunogenetics	
Nutrition and physiology		Transplantation immunology	
Tree improvement (selection, breeding and genetic engineering)		Tumor immunology	
Pests, health and diseases		Autoimmunity	
Management and environment		Immunology not elsewhere classified	
Fire management			
Agroforestry			
Forestry sciences not elsewhere classified			



**Research Fields, Courses and Disciplines – Detailed Classification**  
– (continued)

Field	Code	Field	Code
<b>Medical and Health Sciences – (continued)</b>			
Medical Biochemistry and Clinical Chemistry ... ..	3203	Obstetrics and gynaecology	
Clinical chemistry		Oncology and carcinogenesis	
Medical biochemistry: carbohydrates		Ophthalmology and vision science	
Medical biochemistry: lipids		Orthopaedics	
Medical biochemistry: nucleic acids		Otorhinolaryngology	
Medical biochemistry: proteins and peptides		Paediatrics	
Medical biochemistry: phospholipids		Pathology	
Medical biochemistry: other		Psychiatry	
Medical Microbiology ... ..	3204	Radiology and organ imaging	
Medical bacteriology		Radiotherapy and nuclear medicine	
Medical virology		Rehabilitation and therapy: occupational and physical	
Medical infection agents (incl. prions)		Rehabilitation and therapy: hearing and speech	
Medical mycology		Reproduction	
Medical parasitology		Respiratory diseases	
Medical microbiology not elsewhere classified		Rheumatology and arthritis	
Pharmacology and Pharmaceutical Sciences ... ..	3205	Surgery	
Pharmaceutical sciences and pharmacy		Venereology	
Basic pharmacology		Clinical sciences not elsewhere classified	
Clinical pharmacology and therapeutics		<b>Nursing ... ..</b>	3211
Toxicology (incl. clinical toxicology)		Midwifery	
Pharmacology not elsewhere classified		Clinical nursing: primary (preventative)	
Medical Physiology ... ..	3206	Clinical nursing: secondary (acute care)	
Human biophysics		Clinical nursing: tertiary (rehabilitative)	
Cell physiology		Mental health nursing	
Systems physiology		Aged care nursing	
Medical physiology not elsewhere classified		Nursing not elsewhere classified	
Neurosciences ... ..	3207	<b>Public Health and Health Services ... ..</b>	3212
Autonomic nervous system		Environmental and occupational health and safety	
Central nervous system		Epidemiology	
Peripheral nervous system		Health information systems (incl. surveillance)	
Cellular nervous system		Mental health	
Sensory systems		Nutrition and dietetics	
Neurosciences not elsewhere classified		Preventive medicine	
Dentistry ... ..	3208	Indigenous health	
Oral surgery		Primary health care	
Dentistry support		Family care	
Dental technology		Community child health	
Dental therapy		Residential client care	
Dentistry not elsewhere classified		Care for disabled	
Optometry ... ..	3209	Human bioethics	
Optical technology		Health and community services	
Optometry not elsewhere classified		Health care administration	
Clinical Sciences ... ..	3210	Health promotion	
Anaesthesiology		Health counselling	
Dermatology		Public health and health services not elsewhere classified	
Cardiology (incl. cardiovascular diseases)		<b>Complementary/alternative Medicine ... ..</b>	3213
Endocrinology		Oriental medicine and treatments	
Fetal development and medicine		Chiropractic	
Gastroenterology and hepatology		Naturopathy	
Geriatrics and gerontology		Complementary/alternative medicine not elsewhere classified	
Haematology		<b>Human Movement and Sports Science ... ..</b>	3214
Intensive care		Exercise physiology	
Infectious diseases		Biomechanics	
Medical genetics		Motor control	
Nephrology and urology		Sport and exercise psychology	
Neurology and neuromuscular diseases		Sports medicine	
		Human movement and sports science not elsewhere classified	

**Research Fields, Courses and Disciplines – Detailed Classification**  
– *(continued)*

<b>Field</b>	<b>Code</b>	<b>Field</b>	<b>Code</b>
<b>Medical and Health Sciences – <i>(continued)</i></b>		<b>Journalism, Librarianship and Curatorial Studies</b>	
Other Medical and Health Sciences ... ..	3299	Journalism, Librarianship and Curatorial Studies ...	4000
Podiatry		Journalism, communication and media	
Medical biotechnology		Librarianship	
Therapies and therapeutic technology		Curatorial studies	
Medical and health sciences not elsewhere classified		Other journalism, librarianship and curatorial studies	
<b>Education</b>		<b>The Arts</b>	
Education ... ..	3300	The Arts ... ..	4100
Education studies		Performing arts	
Curriculum studies		Visual arts and crafts	
Professional development of teachers		Cinema, electronic arts and multimedia	
Other education		Design studies	
<b>Economics</b>		Other arts	
Economics ... ..	3400	<b>Language and Culture</b>	
Economic theory		Language and Culture ... ..	4200
Applied economics		Language studies	
Economic history and history of economic thought		Literature studies	
Econometrics		Cultural studies	
Other economics		Other language and culture	
<b>Commerce, Management, Tourism and Services</b>		<b>History and Archaeology</b>	
Commerce, Management, Tourism and Services ... ..	3500	History and Archaeology ... ..	4300
Accounting, auditing and accountability		Historical studies	
Business and management		Archaeology and prehistory	
Banking, finance and investment		Other history and archaeology	
Transportation		<b>Philosophy and Religion</b>	
Tourism		Philosophy and Religion ... ..	4400
Services		Philosophy	
Other commerce, management, tourism and services		Religion and religious traditions	
<b>Policy and Political Science</b>		Other philosophy and religion	
Policy and Political Science ... ..	3600		
Political science			
Policy and administration			
Other policy and political science			
<b>Studies in Human Society</b>			
Studies in Human Society ... ..	3700		
Sociology			
Social work			
Anthropology			
Human geography			
Demography			
History and philosophy of science and medicine			
Other studies in human society			
<b>Behavioural and Cognitive Sciences</b>			
Behavioural and Cognitive Sciences ... ..	3800		
Psychology			
Linguistics			
Cognitive science			
Other behavioural and cognitive sciences			
<b>Law, Justice and Law Enforcement</b>			
Law, Justice and Law Enforcement ... ..	3900		
Law			
Professional development of law practitioners			
Justice and legal studies			
Law enforcement			
Other law, justice and law enforcement			

## Socio-Economic Objective

Please note that this classification refers to the purpose of the R&D activity;  
i.e. 'why' the research is being performed.

Objective Area	Code	Objective Area	Code
<b>Defence</b>		Computer Hardware and Electronic Equipment . . . . .	6712
Defence . . . . .	6101	Communication Equipment . . . . .	6713
<b>Economic Development</b>		Instrumentation . . . . .	6714
Plant Production and Plant Primary Products		Machinery and Equipment . . . . .	6715
Field Crops . . . . .	6201	Other Manufactured Products . . . . .	6716
Horticultural Crops . . . . .	6202	Prevention and Treatment of Pollution . . . . .	6717
Forestry . . . . .	6203	<b>Construction</b>	
Primary Products from Plants . . . . .	6204	Planning . . . . .	6801
Sustainable Plant Production Systems . . . . .	6205	Design . . . . .	6802
Animal Production and Animal Primary Products		Materials Performance and Processes . . . . .	6803
Livestock . . . . .	6301	Construction Processes . . . . .	6804
Pasture, Browse and Fodder Crops . . . . .	6302	Building Management and Services . . . . .	6805
Fish . . . . .	6303	Prevention and Treatment of Pollution . . . . .	6806
Primary Products from Animals . . . . .	6304	<b>Transport</b>	
Sustainable Animal Production Systems . . . . .	6305	Ground Transport . . . . .	6901
Mineral Resources (excl. Energy)		Water Transport . . . . .	6902
Exploration . . . . .	6401	Air Transport . . . . .	6903
Primary Mining and Extraction Processes . . . . .	6402	Other Transport . . . . .	6904
First Stage Treatment of Ores and Minerals . . . . .	6403	Prevention and Treatment of Pollution . . . . .	6905
Prevention and Treatment of Pollution . . . . .	6404	<b>Information and Communication Services</b>	
Energy Resources		Computer Software and Services . . . . .	7001
Exploration . . . . .	6501	Other Information Services . . . . .	7002
Mining and Extraction . . . . .	6502	Communication Services . . . . .	7003
Preparation and Supply of Energy Source Minerals . . . . .	6503	Prevention and Treatment of Pollution . . . . .	7004
Prevention and Treatment of Pollution . . . . .	6504	<b>Commercial Services and Tourism</b>	
Other . . . . .	6599	Electricity, Gas and Water Services and Utilities . . . . .	7101
Energy Supply		Waste Management and Recycling . . . . .	7102
Energy Transformation . . . . .	6601	Wholesale and Retail Trade . . . . .	7103
Renewable Energy . . . . .	6602	Finance, Property and Business Services . . . . .	7104
Energy Storage and Distribution . . . . .	6603	Tourism . . . . .	7105
Conservation and Efficiency . . . . .	6604	Other Commercial Services . . . . .	7106
Prevention and Treatment of Pollution . . . . .	6605	Prevention and Treatment of Pollution . . . . .	7107
Other . . . . .	6699	<b>Economic Framework</b>	
Manufacturing		Macroeconomic Issues . . . . .	7201
Processed Food Products and Beverages . . . . .	6701	Microeconomic Issues . . . . .	7202
Fibre Processing and Textiles; Footwear and Leather Products . . . . .	6702	International Trade Issues . . . . .	7203
Wood, Wood Products and Paper . . . . .	6703	Management and Productivity Issues . . . . .	7204
Human Pharmaceutical Products . . . . .	6704	Measurement Standards and Calibration Services . . . . .	7205
Veterinary Pharmaceutical Products . . . . .	6705	Other Economic Issues . . . . .	7299
Agricultural Chemicals . . . . .	6706	<b>Society</b>	
Industrial Chemicals and Related Products . . . . .	6707	<b>Health</b>	
Basic Metal Products (incl. Smelting) . . . . .	6708	Clinical (Organs, Diseases and Abnormal Conditions) . . . . .	7301
Ceramics, Glass and Industrial Mineral Products . . . . .	6709	Public Health . . . . .	7302
Fabricated Metal Products . . . . .	6710	Health and Support Services . . . . .	7303
Transport Equipment . . . . .	6711	<b>Education and Training</b>	
		Early Childhood and Primary Education . . . . .	7401
		Secondary Education . . . . .	7402
		Higher Education . . . . .	7403
		Vocational Education and Training . . . . .	7404
		Special Education . . . . .	7405
		Other Education . . . . .	7499

**Socio-Economic Objective – (continued)**

<b>Objective Area</b>	<b>Code</b>	<b>Objective Area</b>	<b>Code</b>
Social Development and Community Services			
Work .....	7501		
Arts and Leisure .....	7502		
Community Service (excl. Work) .....	7503		
Religion and Ethics .....	7504		
Justice and the Law .....	7505		
Government and Politics .....	7506		
International Relations .....	7507		
Heritage .....	7508		
Understanding Past Societies .....	7509		
Communication .....	7510		
Other Social Development and Community Services	7599		
<b>Environment</b>			
Environmental Policy Frameworks and Other Aspects			
Environmental Policy, Legislation and Standards ...	7601		
Environmental and Resource Evaluation .....	7602		
Other Environmental Aspects .....	7699		
Environmental Management			
Climate and Weather .....	7701		
Atmosphere (excl. Climate and Weather) .....	7702		
Marine Environment .....	7703		
Coastal and Estuarine Environment .....	7704		
Urban and Industrial Environment .....	7705		
High Country (incl. Mountains) .....	7706		
Forest and Wooded Lands .....	7707		
Farmland (incl. Arable Land and Permanent Crop Land) .....	7708		
Sparseland (incl. Permanent Grassland and the Arid Zone) .....	7709		
Mining Environments .....	7710		
Antarctic and Sub-Antarctic Areas .....	7711		
Other (incl. Islands) .....	7799		
<b>Non-oriented Research</b>			
Non-oriented Research .....	7801		

## Socio-Economic Objective – Detailed Classification

Please note that this classification refers to the purpose of the R&D activity;  
i.e. ‘why’ the research is being performed.

Objective Area	Code	Objective Area	Code
<b>Defence</b>		<b>Animal Production and Animal Primary Products</b>	
Defence .....	6101	Livestock .....	6301
Navy		Sheep - meat	
Army		Sheep - wool	
Airforce		Beef cattle	
Combined Operations		Dairy cattle	
Other		Pigs	
		Poultry	
		Minor livestock (e.g. horses, goats, deer)	
		Livestock not elsewhere classified	
<b>Economic Development</b>		Pasture, Browse and Fodder Crops .....	6302
<b>Plant Production and Plant Primary Products</b>		Sown legumes	
Field Crops .....	6201	Sown grasses	
Wheat		Browse crops	
Barley		Fodder crops	
Rice		Native vegetation	
Other cereals		Other	
Oilseeds		Fish .....	6303
Sugar		Fisheries - commercial	
Cotton		Fisheries - recreational	
Grain legumes		Aquaculture	
Field crops not elsewhere classified		Fish not elsewhere classified	
Horticultural Crops .....	6202	Primary Products from Animals .....	6304
Stone fruit		Minimally processed fish	
Pome fruit		Minimally processed milk	
Citrus		Raw wool	
Grapes		Hides and skins	
Tropical fruit		Primary animal products not elsewhere classified	
Berry fruit		Sustainable Animal Production Systems .....	6305
Tree nuts		<b>Mineral Resources (excl. Energy)</b>	
Vegetables		Exploration .....	6401
Ornamentals, Australian natives and nursery plants		Iron ores (i.e. ferrous ores)	
Horticultural crops not elsewhere classified		Aluminium ores	
Forestry .....	6203	Precious (noble) metal ores	
Native forests		Titanium minerals, zircon and rare earth metal ores (e.g. monazite)	
Softwood plantations		Other non-ferrous ores (e.g. copper, zinc)	
Hardwood plantations		Stone and clay	
Harvesting and transport of forest products		Other non-metallic minerals (incl. diamonds)	
Integration of farm and forestry		Primary Mining and Extraction Processes .....	6402
Forestry not elsewhere classified		Iron ores (i.e. ferrous ores)	
Primary Products from Plants .....	6204	Aluminium ores	
Fresh fruit and vegetables (post harvest)		Precious (noble) metal ores	
Unprocessed cereals		Titanium minerals, zircon and rare earth metal ores (e.g. monazite)	
Tobacco leaf		Other non-ferrous ores (e.g. copper, zinc)	
Cotton lint and cotton seed		Stone and clay	
Primary plant products not elsewhere classified		Other non-metallic minerals (incl. diamonds)	
Sustainable Plant Production Systems .....	6205		

**Socio-Economic Objective – Detailed Classification**  
**– (continued)**

Objective Area	Code	Objective Area	Code
<b>Mineral Resources (excl. Energy) – (continued)</b>		<b>Energy Storage and Distribution</b> ... .. .	6603
First Stage Treatment of Ores and Minerals ... .. .	6403	Electricity transmission	
Beneficiation or dressing of iron ores		Gas distribution	
Alumina production		Energy storage	
Other beneficiation of bauxite and aluminium ores		Energy systems analysis	
Concentrating processes of other base metal ores		Energy distribution not elsewhere classified	
Production of unrefined precious metal ingots and concentrates		<b>Conservation and Efficiency</b> ... .. .	6604
Beneficiation or dressing of non-metallic minerals (incl. diamonds)		Industry	
Other		Residential and commercial	
Prevention and Treatment of Pollution ... .. .	6404	Transport	
		Other	
<b>Energy Resources</b>		Prevention and Treatment of Pollution ... .. .	6605
Exploration ... .. .	6501	Other ... .. .	6699
Uranium		Other (e.g. safety)	
Coal		<b>Manufacturing</b>	
Oil and gas		Processed Food Products and Beverages ... .. .	6701
Oil shale and tar sands		Carcass meat	
Other		Meat products	
Mining and Extraction ... .. .	6502	Fish products	
Uranium		Fruit and vegetable products (incl. fruit juices)	
Coal		Dairy products	
Oil and gas		Oils and fats (incl. margarines)	
Oil shale and tar sands		Grain mill products, starch and starch products (incl. sugar, bakery products)	
Other		Beverages (e.g. alcohol, wines, soft drinks, excl. fruit juices)	
Preparation and Supply of Energy		Processed food products and beverages not elsewhere classified	
Source Minerals ... .. .	6503	Fibre Processing and Textiles; Footwear and Leather Products ... .. .	6702
Uranium		Cotton ginning	
Coal		Wool scouring and top making	
Oil and gas		Natural yarns and fabrics	
Oil shale and tar sands		Synthetic fibres, yarns and fabrics	
Energy minerals not elsewhere classified		Other fibre processing and textiles	
Prevention and Treatment of Pollution ... .. .	6504	Processed skins, leather and leather products not elsewhere classified	
Other ... .. .	6599	Clothing	
Other (e.g. safety)		Footwear	
<b>Energy Supply</b>		Other	
Energy Transformation ... .. .	6601	<b>Wood, Wood Products and Paper</b> ... .. .	6703
Coal - electricity		Hardwood sawing and veneer	
Coal - conversion to liquid fuels		Softwood sawing and veneer	
Coal - other purposes		Pulp and paper	
Nuclear		Reconstituted products (e.g. chipboard, particle board)	
Refined oil and gas		Woodchips	
Gas - conversion to liquid fuels		Wood products not elsewhere classified	
Oil shale and tar sands - conversion to liquid fuels		Paper products	
Energy transformation not elsewhere classified		Printing and publishing processes	
Renewable Energy ... .. .	6602	Other	
Hydro-electric		<b>Human Pharmaceutical Products</b> ... .. .	6704
Wind		Prevention - biologicals (e.g. vaccines)	
Ocean		Diagnostics	
Solar-thermal		Treatments (e.g. chemicals, antibiotics)	
Solar-photoelectric		Other	
Solar-thermal electric			
Renewable energy not elsewhere classified (e.g. geothermal)			



**Socio-Economic Objective – Detailed Classification**  
– *(continued)*

Objective Area	Code	Objective Area	Code
<b>Manufacturing – (continued)</b>			
Veterinary Pharmaceutical Products . . . . .	6705	Communication Equipment . . . . .	6713
Prevention - biologicals (e.g. vaccines)		Broadcasting equipment	
Diagnostics		Postal equipment	
Treatments (e.g. chemicals, antibiotics)		Voice equipment	
Other (incl. production enhancement)		Data, image and text equipment	
Agricultural Chemicals . . . . .	6706	Network transmission equipment	
Chemical fertilisers		Network switching equipment	
Crop and animal protection chemicals		Communication equipment not elsewhere classified	
Agricultural chemicals not elsewhere classified		Instrumentation . . . . .	6714
Industrial Chemicals and Related Products . . . . .	6707	Scientific instrumentation	
Industrial gases		Medical instrumentation	
Synthetic resins and rubber		Industrial instrumentation	
Rubber products		Photographic equipment	
Plastics in primary forms		Instrumentation not elsewhere classified	
Plastic products (incl. construction materials)		Machinery and Equipment . . . . .	6715
Organic industrial chemicals not elsewhere classified		Agricultural machinery and equipment	
Inorganic industrial chemicals		Mining machinery and equipment	
Paints		Appliances and electrical machinery and equipment	
Soaps and cosmetics		Industrial machinery and equipment	
Bituminous products		Construction machinery and equipment	
Lubricants		Machinery and equipment not elsewhere classified	
Other		Other Manufactured Products . . . . .	6716
Basic Metal Products (incl. Smelting) . . . . .	6708	Tobacco products	
Iron and steel (e.g. ingots, bars, rods, shapes and sections)		Furniture	
Aluminium		Prefabricated buildings	
Precious metals (e.g. refined bullion, wire and strip)		Manufactured products not elsewhere classified	
Other non-ferrous metals (e.g. copper, zinc)		Prevention and Treatment of Pollution . . . . .	6717
Ceramics, Glass and Industrial Mineral Products . . . . .	6709	<b>Construction</b>	
Ceramics		Planning . . . . .	6801
Structural glass and glass products		Housing	
Clay products		Commercial	
Cement and concrete products		Civil	
Ceramics, glass and industrial mineral products not elsewhere classified		Industrial	
Fabricated Metal Products . . . . .	6710	Other	
Structural metal products		Design . . . . .	6802
Sheet metal products		Housing	
Semi-finished products		Commercial	
Castings		Civil	
Machined products		Industrial	
Fabricated metal products not elsewhere classified		Other	
Transport Equipment . . . . .	6711	Materials Performance and Processes . . . . .	6803
Automotive equipment		Stone, ceramics and clay materials	
Rail equipment		Cement and concrete materials	
Nautical equipment		Polymeric materials (e.g. paints)	
Aerospace equipment		Timber materials	
Transport equipment not elsewhere classified		Metals (composites, coatings, bonding, etc.)	
Computer Hardware and Electronic Equipment . . . . .	6712	Other	
Integrated circuits and devices		Construction Processes . . . . .	6804
Modules - special and attached processors		Housing	
Modules - other processes		Commercial	
Electronic office equipment		Civil	
Computer equipment		Industrial	
Integrated systems		Other	
Computer hardware and electronic equipment not elsewhere classified			

**Socio-Economic Objective – Detailed Classification**  
– *(continued)*

<b>Objective Area</b>	<b>Code</b>	<b>Objective Area</b>	<b>Code</b>
<b>Construction – (continued)</b>		Finance, Property and Business Services . . . . .	7104
Building Management and Services . . . . .	6805	Finance and investment services	
Housing		Insurance services	
Commercial		Property and business services	
Civil			
Industrial		<b>Tourism . . . . .</b>	7105
Other		Economic issues	
Prevention and Treatment of Pollution . . . . .	6806	Socio-cultural issues	
		Tourism infrastructure development	
		Tourism not elsewhere classified	
<b>Transport</b>		<b>Other Commercial Services . . . . .</b>	7106
Ground Transport . . . . .	6901	Recreational services	
Road safety		Hospitality services	
Other road transport		Commercial security services	
Rail transport		Commercial services not elsewhere classified	
Ground transport not elsewhere classified			
Water Transport . . . . .	6902	Prevention and Treatment of Pollution . . . . .	7107
International sea transport			
Coastal water transport		<b>Economic Framework</b>	
Inland water transport		Macroeconomic Issues . . . . .	7201
Air Transport . . . . .	6903	Fiscal policy	
Air transport		Monetary policy	
Space transport		Exchange rates	
Other Transport . . . . .	6904	Balance of payments	
Multimodal transport		Income policy	
Intermodal materials handling		Taxation	
Transport not elsewhere classified		Macroeconomic issues not elsewhere classified	
Prevention and Treatment of Pollution . . . . .	6905	Microeconomic Issues . . . . .	7202
		Microeconomic effects of taxation	
		Consumption	
		Industrial organisations	
		Industrial policy	
		Industry costs and structure	
		Microeconomic issues not elsewhere classified	
<b>Information and Communication Services</b>		International Trade Issues . . . . .	7203
Computer Software and Services . . . . .	7001	Trade policy	
Application packages		Assistance and protection	
Application tools and system utilities		International agreements on trade	
Information processing services		International trade issues not elsewhere classified	
Computer software and services not elsewhere classified			
Other Information Services . . . . .	7002	<b>Management and Productivity Issues . . . . .</b>	7204
Library and related information services		Marketing	
Information services not elsewhere classified		Industrial relations	
		Management	
Communication Services . . . . .	7003	Productivity	
Broadcasting		Management and productivity issues not elsewhere classified	
Telecommunications			
Postal communications		<b>Measurement Standards and Calibration Services . . . . .</b>	7205
Communication services not elsewhere classified		Defence standards and calibrations	
Prevention and Treatment of Pollution . . . . .	7004	Manufacturing standards and calibrations	
		Service industries standards and calibrations	
		Measurement standards and calibration services not elsewhere classified	
<b>Commercial Services and Tourism</b>		<b>Other Economic Issues . . . . .</b>	7299
Electricity, Gas and Water Services and Utilities . . . . .	7101	Technological and organisational innovation	
Electricity services and utilities		Economic issues not elsewhere classified	
Gas services and utilities			
Water services and utilities			
Waste Management and Recycling . . . . .	7102		
Waste management			
Recycling			
Other			
Wholesale and Retail Trade . . . . .	7103		
Wholesale trade			
Retail trade			

**Socio-Economic Objective – Detailed Classification**  
– (continued)

Objective Area	Code	Objective Area	Code
<b>Society</b>		<b>Education and Training</b>	
<b>Health</b>		Early Childhood and Primary Education . . . . .	7401
Clinical (Organs, Diseases and Abnormal Conditions) . . . . .	7301	Early childhood education	
Infectious diseases		Primary education	
Immune system and allergy		Secondary Education . . . . .	7402
Blood disorders		Higher Education . . . . .	7403
Nervous system and disorders		Vocational Education and Training . . . . .	7404
Endocrine organs and diseases (incl. diabetes)		Special Education . . . . .	7405
Cardiovascular system and diseases		Other Education . . . . .	7499
Inherited diseases (incl. gene therapy)		Occupational training	
Cancer and related disorders		Continuing education	
Surgical methods and procedures		Aboriginal and Torres Strait Islander education	
Respiratory system and diseases (incl. asthma)		Education across cultures	
Hearing, vision, speech and their disorders		Gender aspects of education	
Oro-dental and disorders		Education policy	
Digestive system and disorders		Education and training not elsewhere classified	
Skeletal system and disorders (incl. arthritis)		<b>Social Development and Community Services</b>	
Urogenital system and disorders		Work . . . . .	7501
Reproductive system and disorders		Employment	
Skin and related disorders		Changing work patterns	
Organs, diseases and abnormal conditions not elsewhere classified		The professions and professionalisation	
Clinical health not specific to particular organs, diseases and conditions		Preserving institutional and organisational histories	
Public Health . . . . .	7302	Work not elsewhere classified	
Women's health		Arts and Leisure . . . . .	7502
Men's health		The performing arts (incl. music, theatre and dance)	
Health related to ageing		The creative arts	
Child health		Organised sports	
Substance abuse		Recreation	
Aboriginal and Torres Strait Islander health		Arts and leisure not elsewhere classified	
Health related to specific ethnic groups		Community Service (excl. Work) . . . . .	7503
Occupational health (excl. economic development aspects)		The distribution of wealth	
Rural health		Class	
Environmental health		Gender	
Mental health		The aged	
Disease distribution and transmission		Ability and disability	
Preventive medicine		Ethnicity and multiculturalism	
Dental health		Families	
Nutrition		National identity	
Food safety		Aboriginal and Torres Strait Islander development and welfare	
Health status (e.g. indicators of wellbeing)		Carers development and welfare	
Social structure and health		Migrant development and welfare	
Behaviour and health		Youth/child development and welfare	
Injury control		Community services not elsewhere classified	
Public health not elsewhere classified		Religion and Ethics . . . . .	7504
Health and Support Services . . . . .	7303	Religion and society	
Health education and promotion		Religious structures and rituals	
Nursing		Bioethics	
Occupational, speech and physiotherapy		Social ethics	
Palliative care		Environmental ethics	
Diagnostic methods		Business ethics	
Evaluation of health outcomes		Religion and ethics not elsewhere classified	
Health policy evaluation			
Health policy economic outcomes			
Health and support services not elsewhere classified			

**Socio-Economic Objective – Detailed Classification**  
– (continued)

Objective Area	Code	Objective Area	Code
Social Development and Community Services – (continued)		Environmental and Resource Evaluation ... ..	7602
Justice and the Law ... ..	7505	Institutional arrangements	
Ownership of the land		Economic incentives and regulation	
Consumer affairs		Rights to environmental and natural resources	
Understanding legal processes		Environmental and resource evaluation not elsewhere classified	
Law enforcement		Other Environmental Aspects ... ..	7699
Correctional services		Other environmental aspects	
Justice and the law not elsewhere classified		<b>Environmental Management</b>	
Government and Politics ... ..	7506	Climate and Weather ... ..	7701
Understanding political systems		Climate change	
Understanding electoral systems		Climate variability	
Federalism in Australia		Weather	
Civics and citizenship		Other	
Public services management		Atmosphere (excl. Climate and Weather) ... ..	7702
Government and politics not elsewhere classified		Atmospheric composition	
International Relations ... ..	7507	Atmospheric processes	
Understanding international relations		Marine Environment ... ..	7703
Understanding other countries		Air quality	
International organisations		Living resources (incl. impacts of fishing on non-target species)	
International aid		Control of pests and exotic species	
International relations not elsewhere classified		Physical and chemical conditions	
Heritage ... ..	7508	Oceanic processes (excl. climate related)	
Preserving the build environment		Integrated (ecosystem) assessment and management	
Preserving movable cultural heritage		Marine protected areas	
Urban planning		Other	
Regional planning		Coastal and Estuarine Environment ... ..	7704
Aboriginal and Torres Strait Islander heritage		Air quality	
Heritage not elsewhere classified		Land and water management	
Understanding Past Societies ... ..	7509	Living resources (flora and fauna)	
Understanding Australia's past		Control of pests and exotic species	
Understanding the pasts of other societies		Physical and chemical conditions	
Communication ... ..	7510	Integrated (ecosystem) assessment and management	
Languages and literature		Remnant vegetation and protected conservation areas (both terrestrial and marine)	
Languages and literacy		Rehabilitation of degraded coastal and estuarine areas	
Visual communication		Estuarine and lagoon areas	
The media		Other	
Communication across languages and cultures		Urban and Industrial Environment ... ..	7705
Managing collections		Air quality	
Communication not elsewhere classified		Land and water management	
Other Social Development and Community Services	7599	Living resources (flora and fauna)	
Other social development and community services		Control of pests and exotic species	
<b>Environment</b>		Integrated (ecosystem) assessment and management	
Environmental Policy Frameworks and Other Aspects		Remnant vegetation and protected conservation areas	
Environmental Policy, Legislation and Standards ...	7601	Industrial/degraded areas	
Global climate change adaptation measures		Other	
Trade and environment		High Country (incl. Mountains) ... ..	7706
Consumption patterns, population issues and the environment		Air quality	
Environmental education and awareness		Land and water management	
Environmental policy, legislation and standards not elsewhere classified		Living resources (flora and fauna)	
		Control of pests and exotic species	
		Integrated (ecosystem) assessment and management	
		Remnant vegetation and protected conservation areas	
		Rehabilitation of degraded high country	
		Other	

**Socio-Economic Objective – Detailed Classification**  
**– (continued)**

Objective Area	Code	Objective Area	Code
<b>Environmental Management – (continued)</b> Forest and Wooded Lands ... .. 7707 Air quality Land and water management Living resources (flora and fauna) Control of pests and exotic species Integrated (ecosystem) assessment and management Remnant vegetation and protected conservation areas Rehabilitation/reafforestation Other Farmland (incl. Arable Land and Permanent Crop Land) ... .. 7708 Air quality Land and water management Living resources (flora and fauna) Control of pests and exotic species Integrated (ecosystem) assessment and management Remnant vegetation and protected conservation areas Rehabilitation of degraded farmland Other Sparseland (incl. Permanent Grassland and the Arid Zone) ... .. 7709 Air quality Land and water management Living resources (flora and fauna) Control of pests and exotic species Integrated (ecosystem) assessment and management Remnant vegetation and protected conservation areas Rehabilitation of degraded sparseland Other Mining Environments ... .. 7710 Air quality Land and water management Living resources (flora and fauna) Control of pests and exotic species Integrated (ecosystem) assessment and management Remnant vegetation and protected conservation areas Rehabilitation of degraded mining lands Other Antarctic and Sub-Antarctic Areas ... .. 7711 Air quality Land and water management Living resources (flora and fauna) Control of pests and exotic species Integrated (ecosystem) assessment and management Other Other (incl. Islands) ... .. 7799 Air quality Land and water management Living resources (flora and fauna) Control of pests and exotic species Integrated (ecosystem) assessment and management Remnant vegetation and protected conservation areas Rehabilitation of degraded areas Other		<b>Non-oriented Research</b> Non-oriented Research ... .. 7801 Mathematical sciences Physical sciences Chemical sciences Earth sciences Biological sciences Political science and public policy Studies in human society Behavioural and cognitive sciences Other	

