

# FY2010

## JSPS Postdoctoral Fellowship for Foreign Researcher

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Field: **Engineering Sciences**

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- Regions and prefectures are listed in right-hand column.
- Scroll down to find map of regions and prefectures.

JSPS Postdoctoral Fellowship for Foreign Researcher  
(FY 2005 Humanities and Social Sciences)

Name (Nationality)	Research Subject	Host Institute Host Researcher	Period	Region Prefecture
AAKRE, B. M.  NORWAY	Design and Entrepreneurship Education in Japan and Norway	Hokkaido Tokai University  KAWASAKI, Kazuhiko Professor School of International Cultural Relations	Nov. 1, 2005— Feb. 28, 2007	Hokkaido Hokkaido
ABDUL, W.  PAKISTAN	Public Debt Burden and Slow Economic Growth: A Case Study of Severely Indebted Low Income Country	University of Nagoya  EZAKI, Mitsuo Professor Graduate School of International Development	Apr. 1, 2005— Mar. 31, 2007	Chubu Aichi
AKSARTOVA, S.	The Impact of the End of the Cold War on Japan's Economic Growth	Hosei University  MORIMOTO, Nobuyuki Professor School of Economics	Nov. 1, 2005— Oct. 31, 2006	Kanto Tokyo

Region  
Prefecture

Hokkaido  
Hokkaido

Chubu  
Aichi

Kanto  
Tokyo

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FY 2010 Engineering Sciences

Name(Nationality)	Research Subject	Host Institute Host Researcher	Period	Region Prefecture
ABDULLA-AL-MAMUN, M.  BANGLADESH	Development and Application of Visible Light Responsive Photocatalyst-Metal Nanocomposite System	Kagoshima University KUSUMOTO, Yoshihumi Professor Graduate School of Science and Engineering	May. 10, 2010~ May. 9, 2012	Kyushu Kagoshima
AHMED, A. A.  EGYPT	Geo-Composite Waste Material for Earthquake Reinforcement	Gunma University UGAI, Keizo Professor School of Engineering	Nov. 30, 2010~ Apr. 29, 2013	Kanto Gunma
BAEK, S.-W.  KOREA (REP. OF KOREA)	Research on the High energy density type metal-air battery	Tohoku University HONMA, Itaru Professor Institute of Multidisciplinary Research for Advanced Materials	Sep. 1, 2010~ Aug. 31, 2012	Tohoku Miyagi
BANAL, R. G.  PHILIPPINES	Fabrication of Highly-Efficient Deep-Ultraviolet Light Emitters based on AlGaIn/AlN Quantum Wells	Kyoto University KAWAKAMI, Yoichi Professor Graduate School of Engineering	Nov. 1, 2010~ Oct. 31, 2012	Kinki Kyoto
BARDOUX, R. C.  FRANCE	The assessment and control of recombination dynamics in InGaIn-based quantum disks	Kyoto University KAWAKAMI, Yoichi Professor Graduate School of Engineering	Apr. 1, 2010~ Mar. 31, 2012	Kinki Kyoto
BEGUM, M.  CANADA	Development of a cognition-driven dexterous manipulation technique using multi-modal information	Advanced Telecommunications Research Institute International OZTOP, Erhan Vice Department Head Brain Information Communication Research Laboratory Group	Aug. 1, 2010~ Aug. 31, 2010	Kinki Kyoto
BELFIORE, M.  ITALY	Back to Space. A Digital Interactive Database of Traditional Japanese Architectural Spaces	The University of Tokyo KUMA, Kengo Professor Department of Architecture, Graduate School of Engineering	Nov. 27, 2010~ Nov. 26, 2012	Kanto Tokyo
BELL, T. J.  UNITED KINGDOM	Combined Application of Ionic Liquids and Supercritical CO <sub>2</sub> to Radioactive Waste Treatments	Tokyo Institute of Technology IKEDA, Yasuhisa Professor Research Laboratory for Nuclear Reactors	Apr. 25, 2010~ Apr. 24, 2012	Kanto Tokyo

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Name(Nationality)	Research Subject	Host Institute Host Researcher	Period	Region Prefecture
BELLUCCI, M.  ITALY	Are the low energy nitrogen removal systems stable and environmental friendly?	Tokyo University of Agriculture and Technology TERADA, Akihiko Lecturer Institute of Engineering	Nov. 30, 2010~ Nov. 29, 2012	Kanto Tokyo
BENOUSSAAD, M.  ALGERIA	Identification of Human Neuromusculoskeletal Network Based on in vivo EMG Data	The University of Tokyo NAKAMURA, Yoshihiko Professor Graduate School of Information Science and Technology	Nov. 15, 2010~ Nov. 14, 2012	Kanto Tokyo
BODHAK, S.  INDIA	Synthesis of biomolecule loaded hydroxyapatite/collagen nanocomposite for rapid bone regeneration	National Institute for Materials Science KIKUCHI, Masanori Group Leader Biomaterials Center	Sep. 27, 2010~ Sep. 26, 2012	Kanto Ibaraki
BONNET, F.  FRANCE	Conceptions of distributed algorithms involving cooperative mobiles robots in various environments.	Japan Advanced Institute of Science and Technology DEFAGO, Xavier Associate Professor School of Information Science	Sep. 26, 2010~ Sep. 25, 2012	Chubu Ishikawa
BOSCH, P.  AUSTRIA	Utilization of biomass found in Japan for polygeneration of renewable energy carriers.	The University of Tokyo SAKODA, Akiyoshi Professor Institute of Industrial Science	Aug. 1, 2010~ Jul. 31, 2012	Kanto Tokyo
BRADLEY, B. A.  NEW ZEALAND	Development of new 3D-FEM program for liquefaction and its application	Chuo University SAITO, Kunio Professor Faculty of Science and Engineering	Sep. 26, 2010~ Jan. 30, 2012	Kanto Tokyo
BUI, H. H.  VIET NAM	Development of 3D multi-physics SPH model to investigate riverbank failure problem	Ritsumeikan University FUKAGAWA, Ryoichi Professor College of Science and Engineering	Apr. 1, 2010~ Mar. 31, 2012	Kinki Shiga
BUTTA, M.  ITALY	Development of a ultra-high-resolution fluxgate magnetometer based on magnetic noise source analysis	Kyushu University SASADA, Ichiro Professor Faculty of Engineering Sciences	Sep. 27, 2010~ Sep. 26, 2012	Kyushu Fukuoka

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Name(Nationality)	Research Subject	Host Institute Host Researcher	Period	Region Prefecture
CANNON, J. J.  UNITED KINGDOM	Carbon nanotube membranes for energy-efficient filtration and separation technologies	The University of Tokyo MARUYAMA, Shigeo Professor School of Engineering	Sep. 30, 2010~ Sep. 29, 2012	Kanto Tokyo
CHEN, Y.  CHINA	The Development Process of Japanese Residence in Shanghai from the View of International Society	Nagoya University NISHIZAWA, Yasuhiko Associate Professor Graduate School of Environmental Studies	Apr. 1, 2010~ Mar. 31, 2012	Chubu Aichi
CHEN, S.  CHINA	Short-Pulse Generation from Semiconductor Quantum-Structure Lasers Using Gain-Switching Method	The University of Tokyo AKIYAMA, Hidefumi Associate Professor Institute for Solid State Physics	Nov. 30, 2010~ Nov. 29, 2012	Kanto Chiba
CHU, D.  CHINA	Research on three-dimensional self-assembly of dielectric nanocubes by electrodeposition	National Institute of Advanced Industrial Science and Technology KATO, Kazumi Research Group Leader Tailored Liquid Integration Group, Advanced Manufacturing Research Institute	Nov. 30, 2010~ Nov. 29, 2012	Chubu Aichi
CHUANGCHOTE, S.  THAILAND	Fabrication and Evaluation of Organic Solar Cells with Conductive Polymer Nanofibers	Kyoto University SAGAWA, Takashi Associate Professor Institute of Advanced Energy	Apr. 1, 2010~ Mar. 31, 2012	Kinki Kyoto
CHUNG, Y.-L.  TAIWAN	Evaluation of ultimate capacity and retrofit performance of high-rise buildings	Kyoto University NAKASHIMA, Masayoshi Professor Disaster Prevention Research Institute	Oct. 1, 2010~ Sep. 30, 2012	Kinki Kyoto
DIANKOV, R. N.  U.S.A.	Intelligent Manipulation for Autonomous Robotics	The University of Tokyo OKADA, Kei Associate Professor School of Information Science and Technology	Sep. 6, 2010~ Sep. 5, 2012	Kanto Tokyo
EDALATI, K.  IRAN	Development of Hydrogen Storage Alloys Using Giant Straining Process	Kyushu University HORITA, Zenji professor Faculty of Engineering	Sep. 30, 2010~ Sep. 29, 2012	Kyushu Fukuoka

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EDWARD RAJA, C.  INDIA	Geo-environmental remediation techniques by using effective microorganisms	Kyushu University OMINE, Kiyoshi Associate professor Faculty of Engineering	Apr. 6, 2010~ Apr. 5, 2012	Kyushu Fukuoka
FERGUSON, C. R.  U.S.A.	Climate change and the potential acceleration of the hydrological cycle	The University of Tokyo OKI, Taikan Professor Institute of Industrial Science	Nov. 26, 2010~ Nov. 25, 2012	Kanto Tokyo
FROESE, T.  GERMANY	To study the role of social interaction for cognition by robotic modeling of psychological studies.	The University of Tokyo IKEGAMI, Takashi Professor Graduate School of Arts & Sci	Nov. 21, 2010~ Nov. 20, 2012	Kanto Tokyo
GIRI, B.  NEPAL	Biomechanical Characterization of Hierarchy Structure in Living Bone	Hokkaido University TADANO, Shigeru Professor Graduate School of Engineering	Apr. 1, 2010~ Sep. 29, 2010	Hokkaido Hokkaido
GOMEZ, R. B.  PHILIPPINES	INTELLIGENT SPOKEN DIALOG SYSTEM BASED ON REINFORCED LEARNING	Kyoto University KAWAHARA, Tatsuya Professor Academic Center for Computing and Media Studies	Sep. 1, 2010~ Aug. 31, 2012	Kinki Kyoto
GORIGE, V.  INDIA	Strategic manipulation of magnetic phenomena at ferromagnet/ferroelectric/semi conductor interfaces	Tokyo Institute of Technology TANIYAMA, Tomoyasu Associate Professor Materials and Structures Laboratory	Aug. 25, 2010~ Aug. 24, 2012	Kanto Kanagawa
GOUJARD, V. Y.  FRANCE	Innovative partial oxidation method induced by microplasma: advanced natural gas utilization	Tokyo Institute of Technology OKAZAKI, Ken Professor Graduate School of Science and Engineering	Sep. 1, 2010~ Aug. 31, 2012	Kanto Tokyo
GU, Y.  CHINA	Wireless Medical Sensor Network for Elders Healthcare: Principle and Design	Research Organization of Information and Systems JI, Yusheng Associate Professor National Institute of Informatics	Nov. 1, 2010~ Oct. 31, 2012	Kanto Tokyo

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GUPTA, C. C.  INDIA	3D/4D assessment of deformation behaviors in metals exposed to hydrogen atmosphere	Toyohashi University of Technology TODA, Hiroyuki Professor Graduate School of Engineering	Nov. 24, 2010~ Nov. 23, 2012	Chubu Aichi
HERMANNSTAEDTER, C.  GERMANY	Coupled Semiconductor Quantum Dots and Rings for Application in Quantum Information Processing	Hokkaido University SUEMUNE, Ikuo Professor Research Institute for Electronic Science	May. 2, 2010~ May. 1, 2012	Hokkaido Hokkaido
HU, Z.  CHINA	Visual Surveillance System with Active Cameras	Kyoto University MATSUYAMA, Takashi Professor Graduate School of Informatics	Jul. 15, 2010~ Jul. 14, 2012	Kinki Kyoto
HUANG, Y.  CHINA	Electronic and structural properties of low-dimensional binary molecular complex	Chiba University KERA, Satoshi Associate Professor Graduate School of Advanced Integration Science	Nov. 15, 2010~ Nov. 14, 2012	Kanto Chiba
JAMONE, L.  ITALY	Autonomous online learning of whole-body reaching and grasping in a humanoid robot	Waseda University TAKANISHI, Atsuo Professor Department of Modern Mechanical Engineering	Aug. 21, 2010~ Aug. 20, 2012	Kanto Tokyo
JIN, S.  KOREA (REP. OF KOREA)	Development of Supporting System for Structural Design of Steel Structures	Nagoya University OHMORI, Hiroshi Professor Graduate School of Environmental Studies	Apr. 1, 2010~ Mar. 31, 2012	Chubu Aichi
JOHNSON, B. C.  AUSTRALIA	Radiation effects in wide-band gap semiconductors	Japan Atomic Energy Agency OHSHIMA, Takeshi Leader Quantum Beam Science Directorate	Nov. 26, 2010~ Nov. 25, 2012	Kanto Gunma
JUNG, M.  KOREA (REP. OF KOREA)	Microstructure engineering in Si polycrystals and its application to high-efficiency solar cells	Tohoku University USAMI, Noritaka Associate Professor Institute for Materials Research	Apr. 1, 2010~ Mar. 31, 2012	Tohoku Miyagi

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KALISZYK, C. S.  POLAND	Formalizing proofs and algorithms performed with computer algebra methods	University of Tsukuba IDA, Tetsuo Professor Graduate School of Systems and Information Engineering	Aug. 9, 2010~ Aug. 8, 2012	Kanto Ibaraki
KALITA, G.  INDIA	Investigation of organic and hybrid solar cells with novel materials and architectures	Chubu University WAKITA, Koichi Professor Department of Electronics and Information Engineering, College of Engineering	Apr. 1, 2010~ Mar. 31, 2012	Chubu Aichi
KALLUMADIL, M.  AUSTRIA	Development of a focused magnetic field hyperthermia system for whole-body cancer treatment	Tokyo Institute of Technology HANDA, Hiroshi Professor Integrated Research Institute	Nov. 30, 2010~ Nov. 29, 2011	Kanto Kanagawa
KANOUN, O.  TUNISIA	Control of Human and Humanoid Systems through Kinematic and Dynamic Constraints	The University of Tokyo NAKAMURA, Yoshihiko Professor School of Information Science and Technology	Oct. 12, 2010~ Oct. 11, 2012	Kanto Tokyo
KUMAR, M.  INDIA	Integrated Evaluation of Fate and Transport of Heavy Metal Through Urban Infiltration Facilities	The University of Tokyo FURUMAI, Hiroaki Professor Graduate School of Engineering	Apr. 4, 2010~ Apr. 3, 2012	Kanto Tokyo
KUO, Y. W.  TAIWAN	A study on the formation process of Japanese-style houses in Taiwan	Kyoto Prefectural University OBA, Osamu Professor Graduate School of Life and Environmental Sciences	Sep. 1, 2010~ Aug. 31, 2012	Kinki Kyoto
KUYUCU, T.  CYPRUS	Collaborative and Multicellular Behaviour of Small Robots	Doshisha University TANEV, Ivan Associate Professor Faculty of Science and Engineering, Department of Information Systems Design	Nov. 26, 2010~ Nov. 25, 2012	Kinki Kyoto
LAN, Y.-Q.  CHINA	Search for new porous metal-organic frameworks as hydrogen-storage materials	National Institute of Advanced Industrial Science and Technology XU, Qiang Senior Research Scientist Reserch Institute for Ubiquitous Energy Devices, Synthetic Nano-Function Group	Jun. 1, 2010~ May. 31, 2012	Kinki Osaka

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LE, H. X.  VIET NAM	Long-term Simulation of Coastal Evolution and Its Use in Coastal Zone Management	Toyohashi University of Technology KATO, Shigeru Associate Professor Graduate School of Engineering	Nov. 28, 2010~ Nov. 27, 2012	Chubu Aichi
LEE, C.  KOREA (REP. OF KOREA)	Computer Assisted Language Learning System using Example-based Dialog Management	Kyoto University KAWAHARA, Tatsuya Professor Academic Center for Computing and Media Studies	Oct. 7, 2010~ Oct. 6, 2012	Kinki Kyoto
LENART, S.  SLOVENIA	Quasi-elastic behavior of reinforced gravel affected by cyclic change of principal stress direction.	The University of Tokyo KOSEKI, Junichi Professor Industrial Science	Nov. 15, 2010~ Nov. 14, 2011	Kanto Tokyo
LI, C.  CHINA	Study on quantitatively unraveling hidden design principles of biopathways with high-level Petri net	The University of Tokyo MIYANO, Satoru Professor Institute of Medical Science	Apr. 1, 2010~ Mar. 31, 2012	Kanto Tokyo
LI, L.  CHINA	Study of highly efficient magnetocaloric materials	Toyama University NISHIMURA, Katsuhiko Professor Graduate School of Science and Engineering for Research	Sep. 23, 2010~ Sep. 22, 2012	Chubu Toyama
LI, Y.  CHINA	Photoelectrodes of semiconductor nanowires for solar energy utilization	The University of Tokyo KUBOTA, Jun Associate Professor School of Engineering	Oct. 1, 2010~ Sep. 30, 2012	Kanto Tokyo
LIU, R.  CHINA	Materials Synthesis and Chemical Reactions in Multiphase Media with Compressed Active Carbon Dioxide	Hokkaido University ARAI, Masahiko Professor Faculty of Engineering	Oct. 6, 2010~ Oct. 5, 2012	Hokkaido Hokkaido
MARTINEZ MOZOS, O.  SPAIN	Tracing everyday objects in indoor environment for robotic service to daily human life	Kyushu University HASEGAWA, Tsutomu Professor Faculty of Information Science and Electrical Engineering	Nov. 10, 2010~ Nov. 9, 2012	Kyushu Fukuoka

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MEHBOD NIYA, A.  IRAN	Developing an interference resistant MAC-layer for heterogeneous UWB-based WPAN networks	Tohoku University ADACHI, Fumiyuki Professor Graduate School of Engineering	Nov. 29, 2010~ Nov. 28, 2011	Tohoku Miyagi
MISHRA, B. K.  NEPAL	Planning for flood preparedness under climate change scenario: a risk-based decision analysis	The University of Tokyo TAKEUCHI, Kazuhiko Deputy Executive Director Integrated Research System for Sustainability Science	Sep. 12, 2010~ Sep. 11, 2012	Kanto Tokyo
MITSAANTISUK, C.  THAILAND	High performance Bilateral control system for haptic communication and human-robot interaction	Nagaoka University of Technology OHISHI, Kiyoshi Professor Engineering	Sep. 1, 2010~ Aug. 31, 2012	Chubu Niigata
MOHAPATRA, J. N.  INDIA	Development of advanced NDE techniques for neutron irradiation embrittlement in nuclear RPV steels	Iwate University KAMADA, Yasuhiro Associate Professor Faculty of Engineering	Nov. 30, 2010~ Nov. 29, 2012	Tohoku Iwate
NAHM, Y.-E.  KOREA (REP. OF KOREA)	A Proposal of Universal Design Method Based on Set-Based Design Concept	The University of Electro-Communications ISHIKAWA, Haruo Professor Faculty of Electro-Communications	Apr. 12, 2010~ Apr. 11, 2011	Kanto Tokyo
OTSUKA, P. H.  AUSTRALIA	Ultrafast Phononic Plasmonics.	Hokkaido University WRIGHT, Oliver Professor Division of Applied Physics, Faculty of Engineering	Sep. 12, 2010~ Sep. 11, 2012	Hokkaido Hokkaido
OWEN, M.  SINGAPORE	Silicon gate-around nanorods for telecommunication applications	Tokyo Institute of Technology ODA, Shunri Professor Quantum Nanoelectronics Research Center	Nov. 26, 2010~ Nov. 25, 2012	Kanto Tokyo
PAI, D.  U.S.A.	Plasma Processing of Advanced Materials in Cryogenic and Supercritical Fluid Environments	The University of Tokyo TERASHIMA, Kazuo Professor Graduate School of Frontier Sciences	Sep. 24, 2010~ Sep. 23, 2012	Kanto Chiba

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PANDEY, J. K.  INDIA	Development of self-repairing composites from Polyethylene/Polypropylene and cellulose nanofiber	The University of Tokushima TAKAGI, Hitoshi Professor Institute of Technology and Science	Sep. 29, 2010~ Sep. 28, 2012	Shikoku Tokushima
PILAT, M. L.  CANADA	The Study of Evolutionary Processes Through Physically Simulated Virtual Ecosystems	Nagoya University ARITA, Takaya Professor Graduate School of Information Science	Sep. 1, 2010~ Aug. 31, 2012	Chubu Aichi
PTASZYNSKI, M. E.  POLAND	Empathic Computer: Developing a Dialogue Agent that Understands and Aptly Responds to User Emotions	Hokkai-Gakuen University MOMOUCHI, Yoshio Professor Faculty of Engineering	Nov. 1, 2010~ Oct. 31, 2012	Hokkaido Hokkaido
QUADER, S.  BANGLADESH	Design, synthesis and biological evaluation of E-Selectin targeted drug delivery system	The University of Tokyo KATAOKA, Kazunori Professor Department of Materials Engineering, Graduate School of Engineering	Nov. 26, 2010~ Nov. 25, 2012	Kanto Tokyo
RASHED, E. A.  EGYPT	A new approach to cardiac CT imaging with ultra low patient dose and high image quality	University of Tsukuba KUDO, Hiroyuki Professor Systems and Information Engineering	Aug. 25, 2010~ Aug. 24, 2012	Kanto Ibaraki
RASHID, M. H.  BANGLADESH	Effects of anthropogenic N inputs on nutrient cycling and flora composition in riparian ecosystems	Saitama University ASAEDA, Takashi Professor Graduate School of Science and Engineering	Nov. 26, 2010~ Nov. 25, 2012	Kanto Saitama
RAZZAK, S. A.  BANGLADESH	Highly Nonlinear and low Loss Photonic Crystal Fibers for Supercontinuum and High Power Applications	University of the Ryukyus NAMIHIRA, Yoshinori Professor Faculty of Engineering	Nov. 28, 2010~ Nov. 27, 2012	Okinawa Okinawa
SALLES, B.  FRANCE	Study of the magnetization reversal of a nanomagnet by spin-polarized photo-excited electrons	National Institute of Advanced Industrial Science and Technology ZAYETS, Vadym Senior Researcher Spintronics Research Center	Nov. 20, 2010~ Jul. 19, 2012	Kanto Ibaraki

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SANTOS, E. C.  BRAZIL	Laser deposition of Ni-based single crystal for the next generation turbine blade materials	Kyushu University KIDA, Katsuyuki Associate Professor Faculty of Engineering	Nov. 1, 2010~ Oct. 31, 2012	Kyushu Fukuoka
SCHULDT, J. C.  DENMARK	Study on Secure and Practical Digital Authentication Systems with Enhanced Functionalities	National Institute of Advanced Industrial Science and Technology HANAOKA, Goichiro senior research scientist Research Center for Information Security, Research Team for Security Fundamentals	Oct. 1, 2010~ Sep. 30, 2012	Kanto Tokyo
SEGHOUANI, L.  CANADA	Experimental and Numerical Investigations of a Direct Expansion Geothermal Heat Pump	National Institute of Advanced Industrial Science and Technology ENDO, Naoki Senior Research Scientist Energy Technology Research Institute, Thermal and Fluid System Group	Nov. 6, 2010~ Nov. 5, 2012	Kanto Ibaraki
SHARMA, A.  FIJI	Methodology for Analyzing Large-scale Cancer Genome Data based on Biological Networks	The University of Tokyo IMOTO, Seiya Associate Professor Institute of Medical Science	Nov. 26, 2010~ Nov. 25, 2012	Kanto Tokyo
SHRESTHA, K. L.  NEPAL	Regional impact assessment of global warming on basin-scale hydroclimate	Osaka University KONDO, Akira Associate Professor Graduate School of Engineering	Apr. 1, 2010~ Mar. 31, 2012	Kinki Osaka
SIRISUP, S.  THAILAND	Coastal ocean prediction for Thailand by integrating database technology into simulation	Research Organization of Information and Systems KITAMOTO, Asanobu Associate Professor National Institute of Informatics	Nov. 25, 2010~ Nov. 24, 2012	Kanto Tokyo
SLAVCHEV, A. K.  BULGARIA	Metabolic fingerprinting and profiling lactic acid bacteria	Osaka University FUKUSAKI, Eiichiro Professor Graduate School of Engineering	Oct. 1, 2010~ Sep. 30, 2011	Kinki Osaka
SOON, H.  MALAYSIA	Unveiling the evolution and mechanisms of diffusive ferroelectric transition via disordering control	Tokyo Institute of Technology ITOH, Mitsuru professor Materials and Structures Laboratory	Sep. 1, 2010~ Aug. 31, 2012	Kanto Kanagawa

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SORRIVI, E.  ITALY	Structural and Safety Investigation of Vertical Axis Wind Turbine Considering Various Load Cases	The University of Tokyo FUJINO, Yozo Project Professor Department of Civil Engineering, School of Engineering	Sep. 2, 2010~ Sep. 1, 2012	Kanto Tokyo
SOWE, S. K.  GAMBIA	The Impact of Free and Open Source Software for Sustainable Development in Sub-Saharan Africa	National Graduate Institute for Policy Studies SUNAMI, Atsushi Associate Professor Science Technology Policy Programme	Sep. 1, 2010~ Aug. 31, 2012	Kanto Tokyo
STUBAN, N. G.  HUNGARY	Develop a new kind of pulse oximeter with a direct current converting ADC to make the birth safer.	Shizuoka University NIWAYAMA, Masatsugu Associate Professor Faculty of Engineering	Nov. 21, 2010~ Feb. 20, 2012	Chubu Shizuoka
TALUKDER, K. H.  BANGLADESH	Formal verification method for the wide range of signal processing problems	Hiroshima University HARADA, Koichi Professor Graduate School of Engineering	Jul. 12, 2010~ Jul. 11, 2012	Chugoku Hiroshima
THANGAVEL, K.  INDIA	Research on Nanospace Materials for Electronic Devices	Tohoku University TANIGAKI, Katsumi Professor WPI-Premier Center for Atom-Molecule-Materials	Jun. 30, 2010~ Jun. 29, 2012	Tohoku Miyagi
THOMAS, C. E.  FRANCE	Hydrogen effects in plasma-surface interaction for carbon materials: adsorption, desorption and etching	Osaka University HAMAGUCHI, Satoshi Professor Graduate School of Engineering	May. 1, 2010~ Apr. 30, 2012	Kinki Osaka
TONGAMP, W.  PAPUA NEW GUINEA	High efficiency technology for removal of impurities from minerals and metals recovery from waste	Akita University SHIBAYAMA, Atsushi Professor Faculty of Engineering and Resource Science	Apr. 1, 2010~ Mar. 31, 2012	Tohoku Akita
TORTISSIER, G.  FRANCE	Integrated MEMS, MEMS for Image Display, MEMS Actuators and Mechanisms for Optical Applications	The University of Tokyo TOSHIYOSHI, Hiroshi Professor Institute of Industrial Science	Apr. 1, 2010~ Mar. 31, 2012	Kanto Tokyo

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TRUONG, L. T.  VIET NAM	Fabrication and characterization of single-wall carbon nanotube transistors for biosensor	Japan Advanced Institute of Science and Technology TAKAMURA, Yuzuru  Associate Professor School of Materials Science	Jun. 2, 2010~ Jun. 1, 2011	Chubu Ishikawa
UNTERWEGER, A.  AUSTRIA	Anchorage in reinforced concrete. Seismic effects and durability.	The University of Tokyo NAKANO, Yoshiaki Professor Institute of Industrial Science	May. 26, 2010~ May. 25, 2011	Kanto Tokyo
UVET, H.  TURKEY	Challenge of Cell Sorter Measuring Multi-parameters of Cells at High Speed Based on New Principle	Nagoya University ARAI, Fumihito Professor Graduate School of Engineering	Sep. 1, 2010~ Aug. 31, 2012	Chubu Aichi
VIEHWEIDER, A.  ITALY	A Comprehensive Computer Control Framework for Future Electric Vehicles	The University of Tokyo HORI, Yoichi Professor Graduate School of Frontier Sciences	Nov. 17, 2010~ Nov. 16, 2012	Kanto Chiba
WANG, J.  CHINA	Stabilized Tin Oxochloride Clusters in Nanospace and Their Acid Catalysis for Organic Reactions	The University of Tokyo ONAKA, Makoto Professor Graduate School of Arts and Sciences	Apr. 1, 2010~ Mar. 31, 2012	Kanto Tokyo
WANG, P.  CHINA	Development of Nanostructured Photocatalysts	The University of Tokyo DOMEN, Kazunari Professor School of Engineering	Aug. 16, 2010~ Aug. 15, 2012	Kanto Tokyo
WANG, J.  CHINA	Fundamental study of syngas turbulent combustion at high pressure as a basis of clean energy system	Tohoku University KOBAYASHI, Hideaki Professor Institute of Fluid Science	May. 22, 2010~ May. 21, 2012	Tohoku Miyagi
WANG, D.  CHINA	Development of photocatalysts for water splitting using nano structural control	The University of Tokyo DOMEN, Kazunari Professor School of Engineering	Nov. 16, 2010~ Nov. 15, 2012	Kanto Tokyo

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WANG, Y.  CHINA	Computational design of next generation nano-structured Nickel-based alloy	Osaka University OGATA, Shigenobu Professor Graduate School of Engineering Science	Oct. 1, 2010~ Sep. 30, 2012	Kinki Osaka
WANG, J.  CHINA	Developments of Novel Mesoporous Molecular Sieves with High Catalytic and Adsorption Abilities	Tokyo Institute of Technology TATSUMI, Takashi Professor Chemical Resources Laboratory	Nov. 12, 2010~ Nov. 11, 2012	Kanto Kanagawa
WANG, X.  CHINA	Novel micro/nanostructured materials for next generation lithium ion batteries	National Institute for Materials Science BANDO, Yoshio Fellow, Chief Operating Officer (COO) International Center for Materials Nanoarchitectonics	Oct. 5, 2010~ Oct. 4, 2012	Kanto Ibaraki
WOODWARD, A. M.  NEW ZEALAND	A study of artificial life through an embodied chaotic neural network model for an autonomous robot	The University of Tokyo IKEGAMI, Takashi Professor Graduate School of Interdisciplinary Information Studies	Oct. 12, 2010~ Oct. 11, 2012	Kanto Tokyo
XIONG, D.-B.  CHINA	Rigid Cluster and Disordered Glue Cluster Model Approaches to New Efficient Thermoelectric Materials	Kyoto University INUI, Haruyuki Professor Graduate School of Engineering	Apr. 1, 2010~ Mar. 31, 2012	Kinki Kyoto
XU, H.  CHINA	Stabilization and Optimal Control of Stochastic Impulsive Systems	Kyoto University FUKUSHIMA, Masao Professor Graduate School of Informatics	Oct. 30, 2010~ Oct. 29, 2011	Kinki Kyoto
YADAV, M.  INDIA	Study of high-performance liquid-phase chemical hydrogen storage materials	National Institute of Advanced Industrial Science and Technology XU, Qiang Senior Research Scientist Research Institute for Ubiquitous Energy Devices, Synthetic Nano-Function Materials Group	Nov. 15, 2010~ Nov. 14, 2012	Kinki Osaka
YAO, Q.  AUSTRALIA	Design and fabricate novel lead-free ferroelectric compounds	National Institute for Materials Science KIMURA, Hideo Group Leader Exploratory Materials Research Laboratory for Information Technology	Sep. 3, 2010~ Sep. 2, 2012	Kanto Ibaraki

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YOUNG, J. E.  CANADA	Leveraging peoples' social tendencies for interaction with robots	The University of Tokyo IGARASHI, Takeo Associate Professor Graduate School of Information Science and Technology	Sep. 15, 2010~ Jan. 14, 2011	Kanto Tokyo
ZHANG, M.  CHINA	Privacy Carrying Identity-Based Cryptography and its Applications to Decentralized Trust Systems	Kyushu University TAKAGI, Tsuyoshi Professor School of Systems Information Science	Aug. 10, 2010~ Aug. 9, 2012	Kyushu Fukuoka
ZHANG, Y.  CHINA	MOVPE growth of indium-nitride-based materials for novel devices in optical communications systems	Tohoku University KATAYAMA, Ryuji Associate Professor Institute for Materials Research	Apr. 1, 2010~ Mar. 31, 2012	Tohoku Miyagi
ZHANG, W.-M.  CHINA	Nonlinear Dynamics and Chaos Control of MEMS Resonators under Parametric Excitation	Kyoto University TABATA, Osamu Professor Graduate School of Engineering	Nov. 15, 2010~ Feb. 14, 2011	Kinki Kyoto
ZHANG, J.  CHINA	Development of highly active catalytic materials by novel rotary CVD	Tohoku University GOTO, Takashi Professor Institute for Materials Research	Sep. 1, 2010~ Aug. 31, 2012	Tohoku Miyagi

# Regions

Hokkaido

Tohoku

Chubu

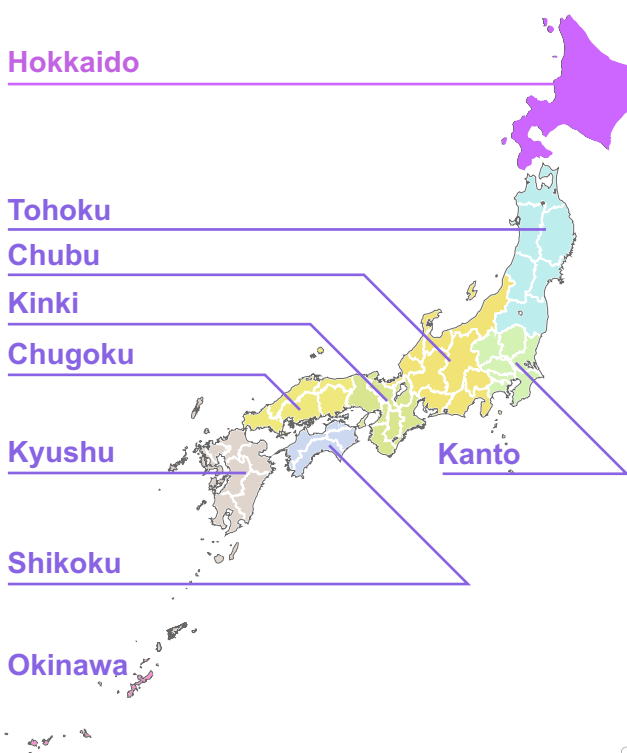
Kinki

Chugoku

Kyushu

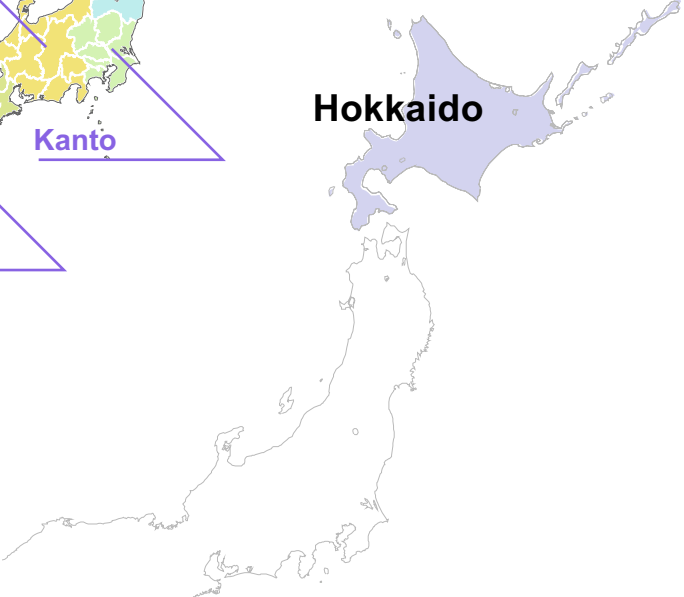
Shikoku

Okinawa



# Prefectures

Hokkaido



# Regions

Hokkaido

Tohoku

Chubu

Kinki

Chugoku

Kyushu

Shikoku

Okinawa

Kanto

# Prefectures

Aomori

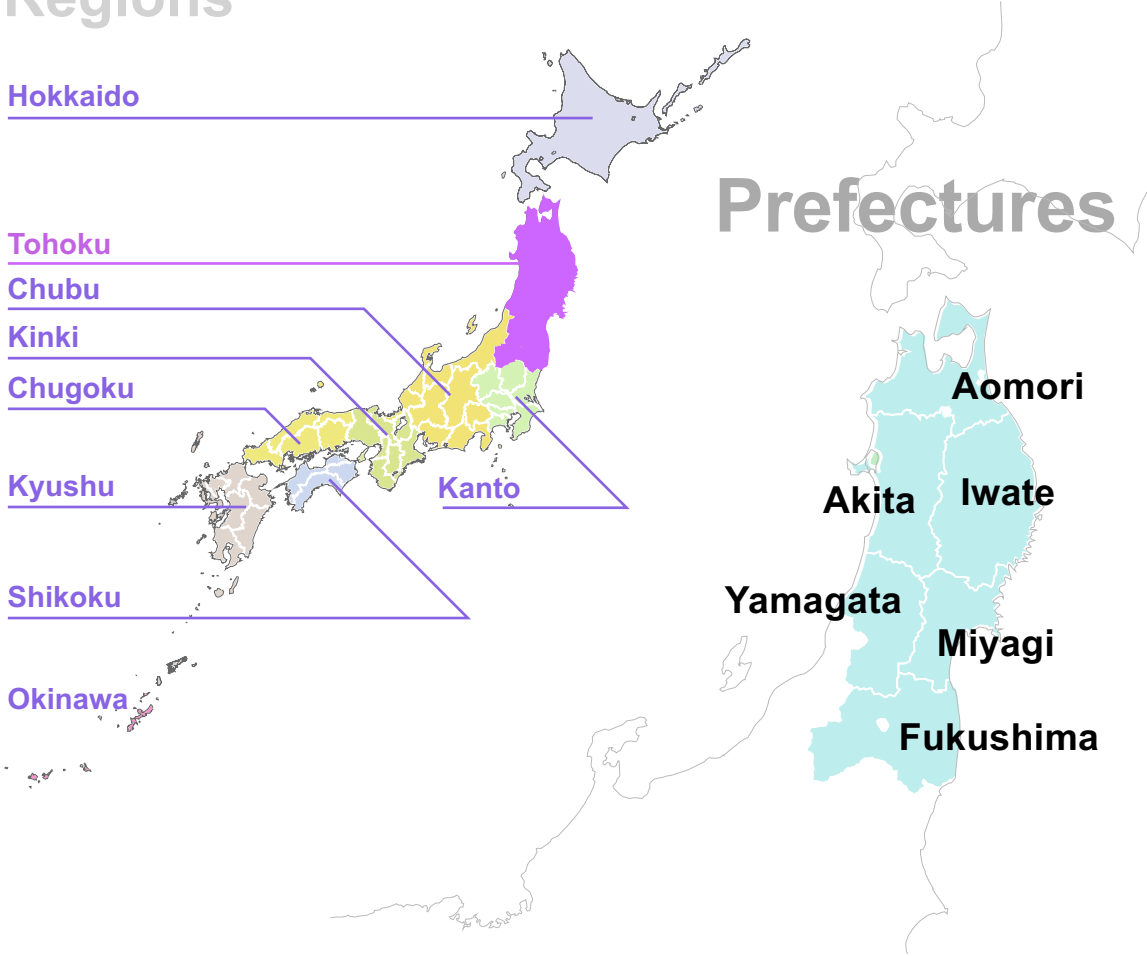
Akita

Iwate

Yamagata

Miyagi

Fukushima



# Regions

Hokkaido

Tohoku

Chubu

Kinki

Chugoku

Kyushu

Shikoku

Okinawa

Kanto

# Prefectures

Gunma

Tochigi

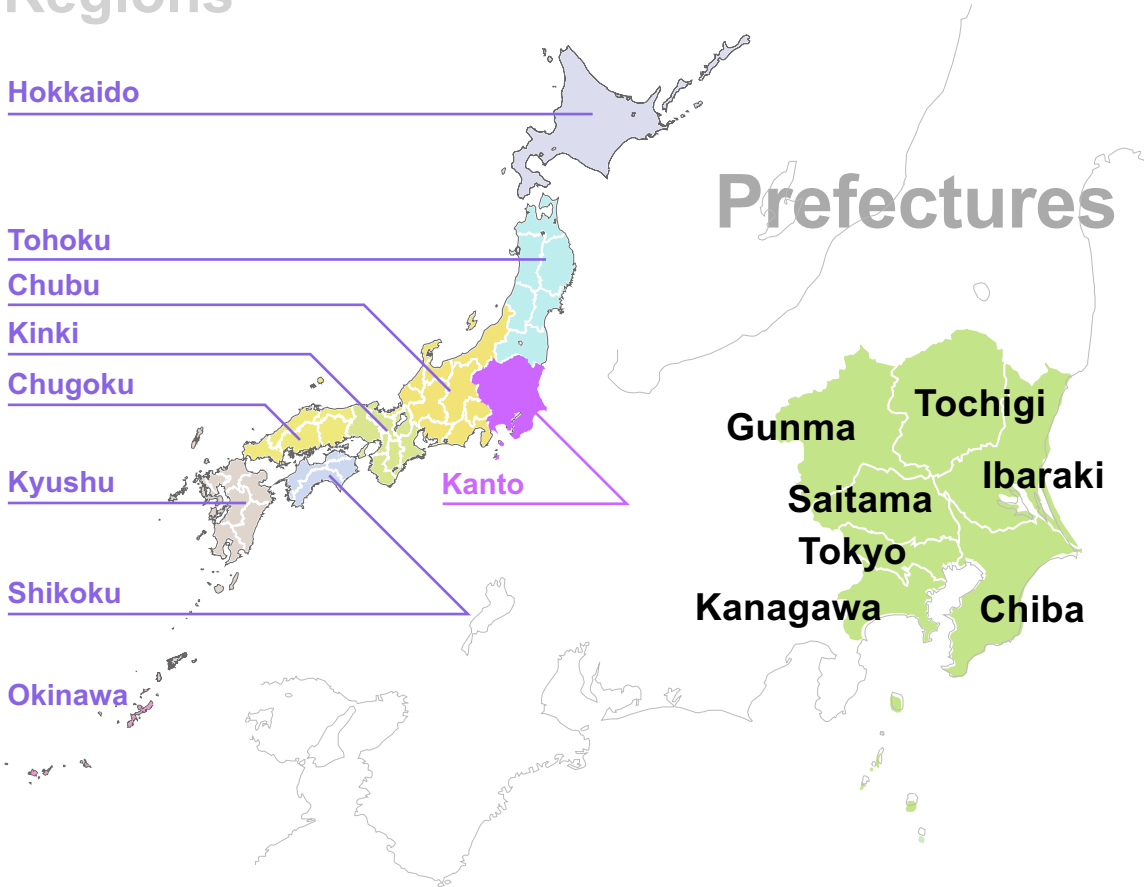
Saitama

Ibaraki

Tokyo

Kanagawa

Chiba



# Regions

Hokkaido

Tohoku

Chubu

Kinki

Chugoku

Kyushu

Shikoku

Okinawa

Kanto

# Prefectures

Toyama

Niigata

Ishikawa

Nagano

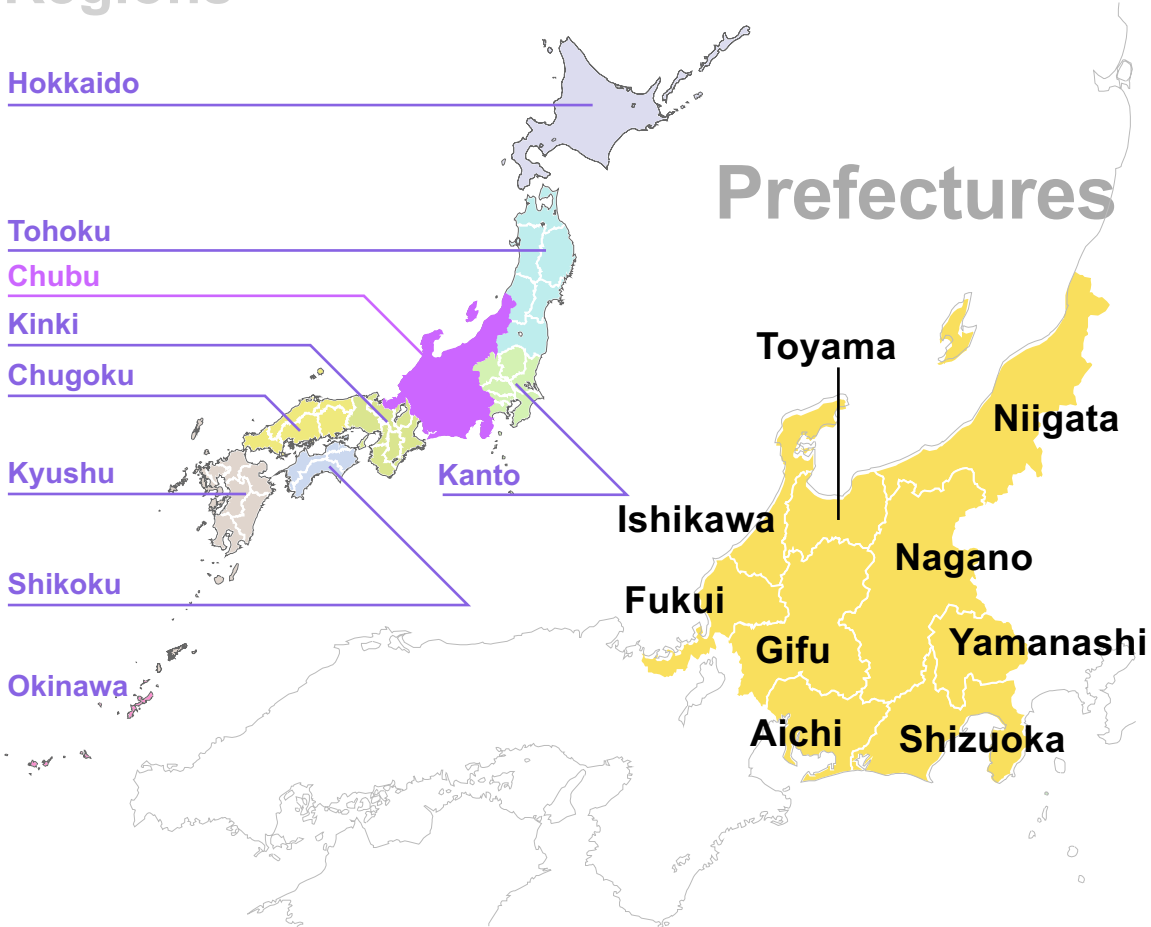
Fukui

Yamanashi

Gifu

Aichi

Shizuoka



# Regions

Hokkaido

Tohoku

Chubu

Kinki

Chugoku

Kyushu

Shikoku

Okinawa

Kanto

# Prefectures

Kyoto

Shiga

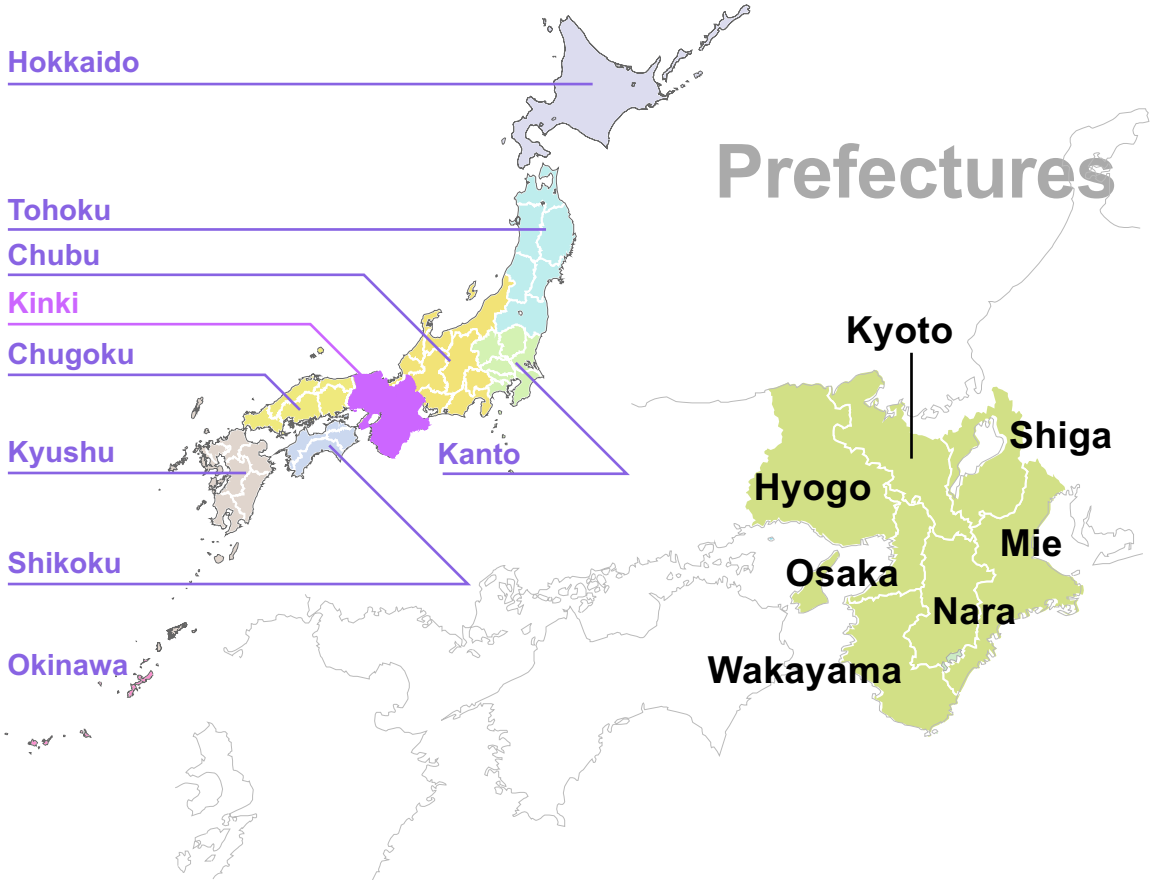
Hyogo

Mie

Osaka

Nara

Wakayama



# Regions

Hokkaido

Tohoku

Chubu

Kinki

Chugoku

Kyushu

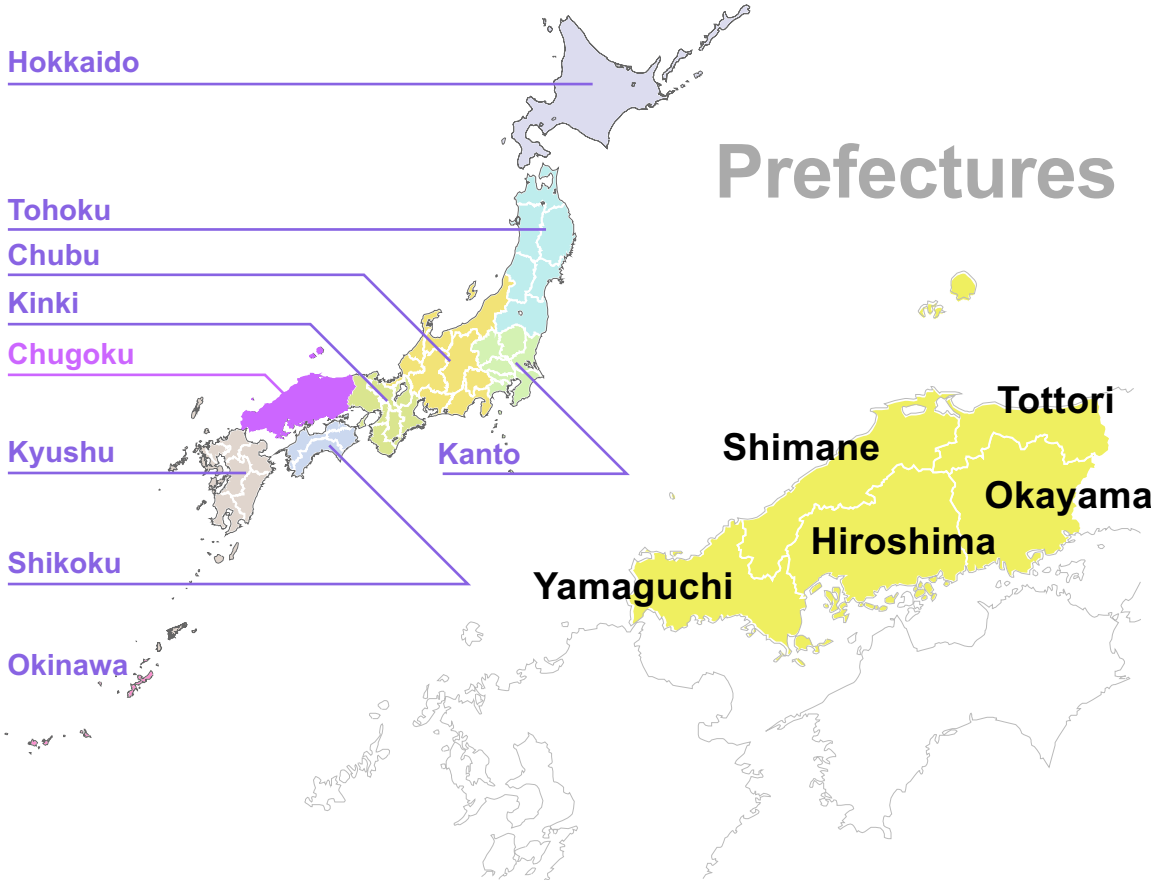
Shikoku

Okinawa

Kanto

# Prefectures

Shimane  
Tottori  
Okayama  
Hiroshima  
Yamaguchi



# Regions

Hokkaido

Tohoku

Chubu

Kinki

Chugoku

Kyushu

Shikoku

Okinawa

Kanto

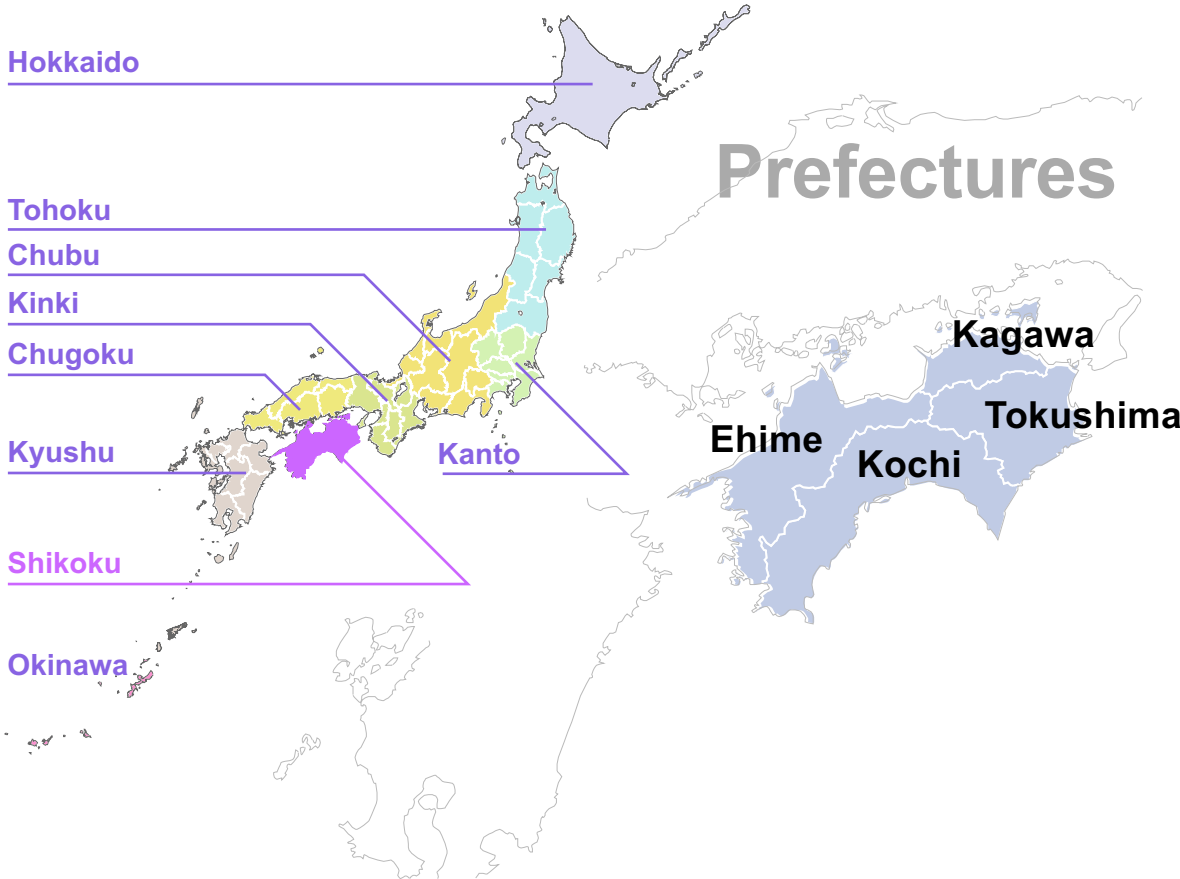
# Prefectures

Kagawa

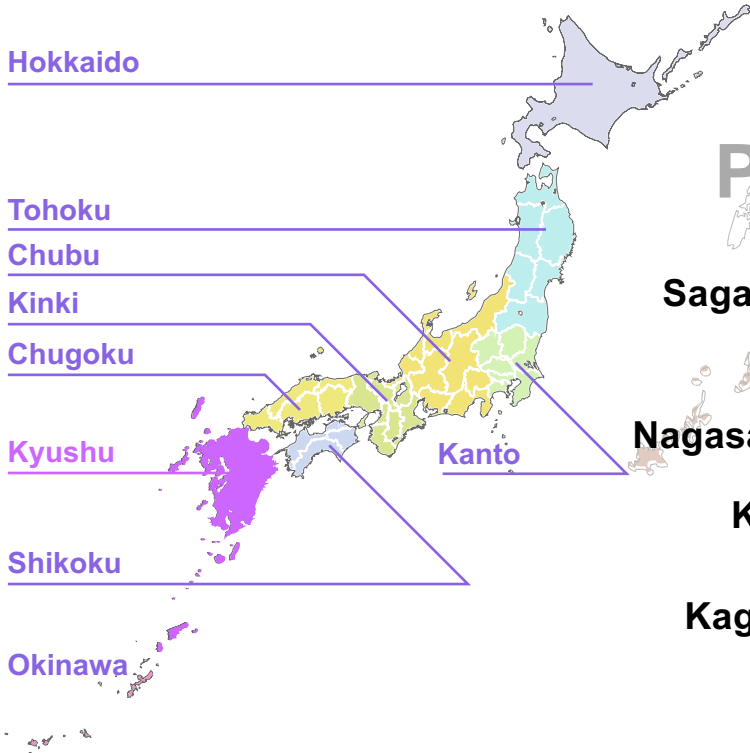
Ehime

Kochi

Tokushima



# Regions



# Prefectures



# Regions

Hokkaido

Tohoku

Chubu

Kinki

Chugoku

Kyushu

Shikoku

Okinawa

# Prefectures

Okinawa

