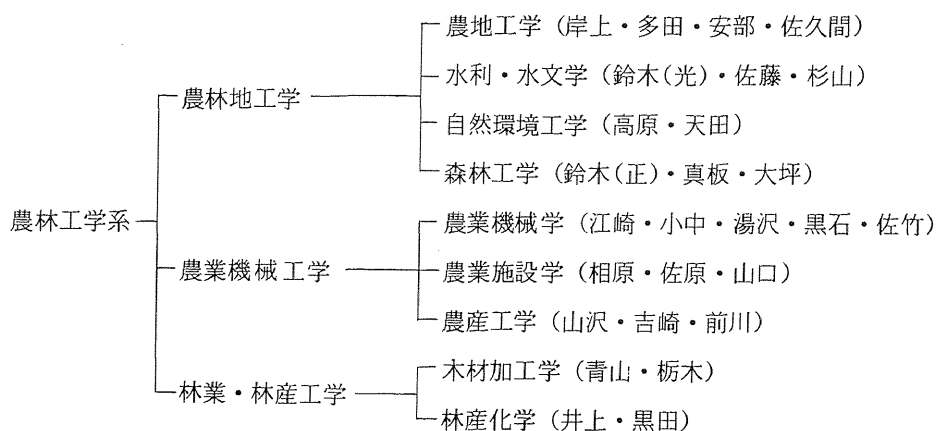


I 農林工学系の研究分野，組織および教員

[1] 研究分野

- (1) 農林地工学（農業土木学，森林工学，自然環境工学等の学科系統に含まれる研究領域）
- (2) 農業機械工学（農業機械学，農業施設学，農産工学の学科系統に含まれる研究領域）
- (3) 林業・林産工学（林産工学の学科系統に含まれる研究領域）

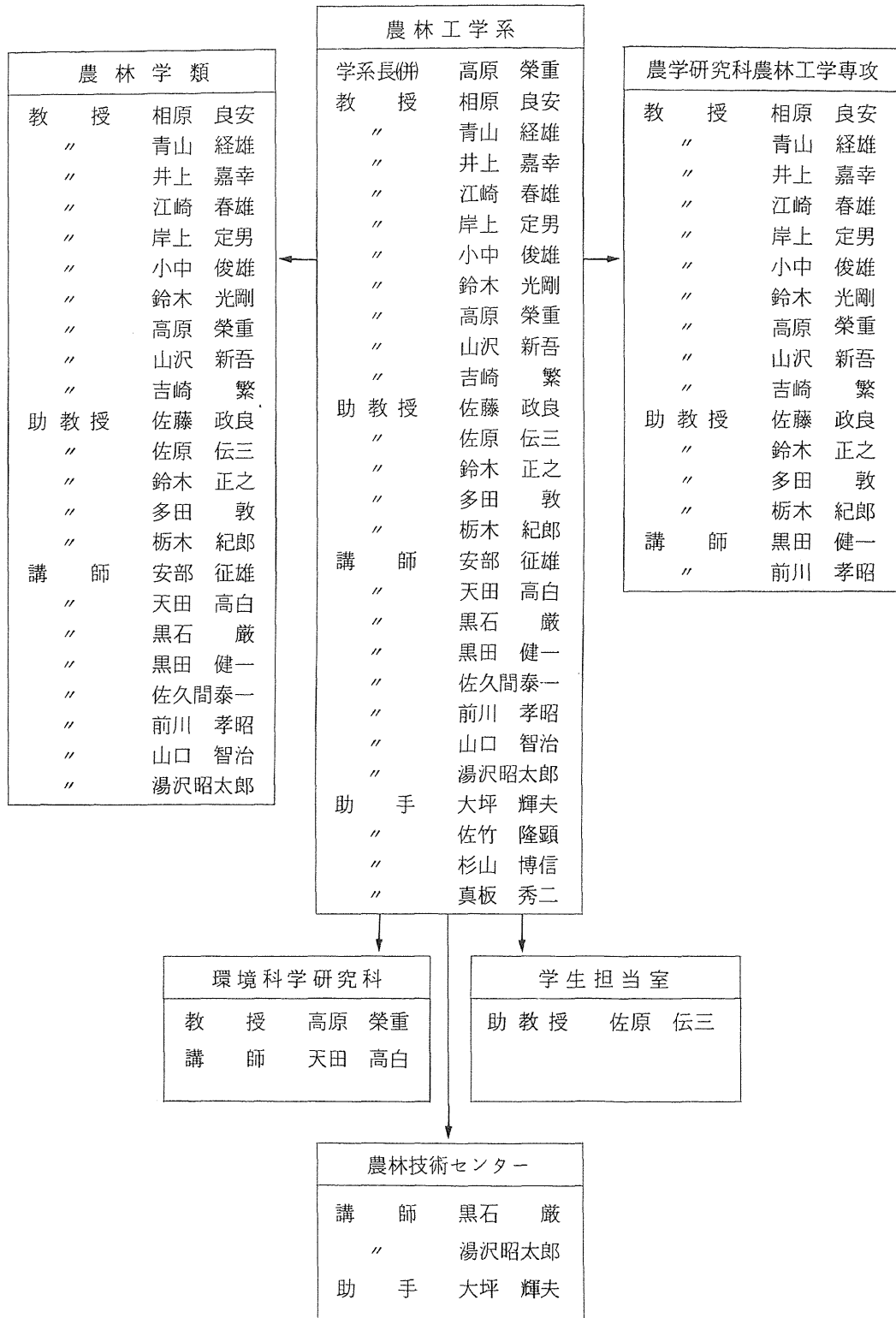
[2] 研究分野と教員



[3] 学系所属教員一覽

教 官 名	專 門 分 野 等			
相 原 良 安	農 業 施 設 学	教 授	農	博
青 山 経 雄	林 産 工 学	教 授	農	博
井 上 嘉 幸	林 産 化 学	教 授	農	博
江 崎 春 雄	農 業 機 械 学	教 授	農	博
岸 上 定 男	農 地 工 学	教 授	農	博
小 中 俊 雄	農 業 機 械 学	教 授	農	博
鈴 木 光 剛	農 業 水 利 学	教 授	農	博
高 原 榮 重	緑 地 工 学	教 授	農	博
山 沢 新 吾	農 産 工 学	教 授	農	博
吉 崎 繁	農 産 装 置 工 学	教 授	農	博
佐 原 伝 三	農 業 施 設 学	助 教 授		
佐 藤 政 良	農 業 水 利 学	助 教 授	農	博
鈴 木 正 之	林 業 工 学	助 教 授	農	博
多 田 敦	農 地 工 学	助 教 授	農	博
栃 木 紀 郎	木 材 加 工 学	助 教 授	農	博
安 部 征 雄	農 地 工 学	講 師		
天 田 高 白	砂 防 工 学	講 師		
黒 石 巖	農 業 機 械 学	講 師		
黒 田 健 一	林 産 化 学	講 師	農	博
佐久間 泰 一	農 地 工 学	講 師	農	博
前 川 孝 昭	農 産 工 学	講 師	農	博
山 口 智 治	農 業 施 設 学	講 師		
湯 沢 昭 太 郎	農 業 機 械 学	講 師		
大 坪 輝 夫	砂 防 工 学	助 手		
佐 竹 隆 顕	農 業 機 械 学	助 手	農	博
杉 山 博 信	農 業 水 文 学	助 手		
真 板 秀 二	砂 防 工 学	助 手		

[4] 農林工学系と教育・業務との関連 (1985.12.1 現在)



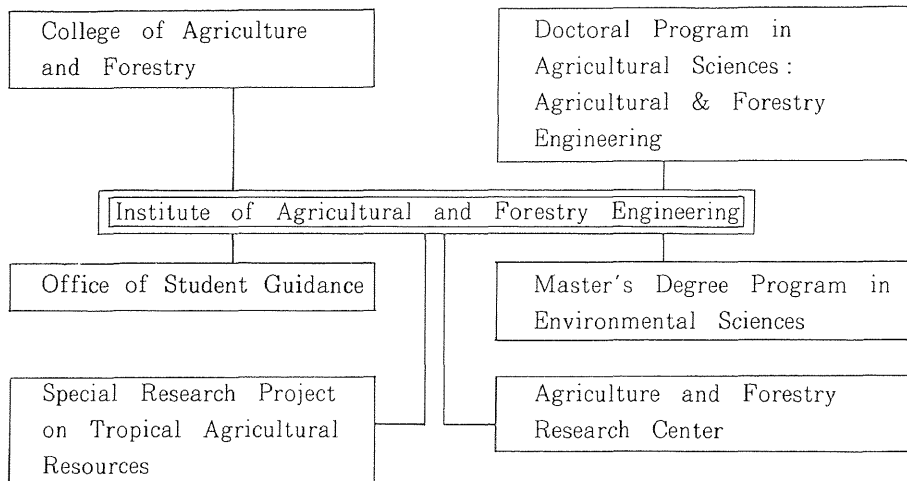
[5] Institute of Agricultural and Forestry Engineering

1. Objective

Objective of the Institute's studies is to analyze and synthesize the scientific technology of agricultural and forest production using engineering techniques.

2. Organization map

The relationship to another organizations.



3. Research fields

(1) Farm and Forest Engineering

Soil & Water Engineering ——— Land Reclamation
 Irrigation and Drainage

Forest Engineering ——— Erosion Control
 Forest Road and Machinery

Environmental Engineering ——— Landscape Architecture
 Water Shed Management

(2) Agricultural Machinery, Processing & Structures

Agricultural Machinery
 Agricultural Process Engineering ——— Agricultural Processing
 Agricultural Processing Equipment
 Farm Structures

(3) Wood Products Engineering

Wood Chemistry
 Wood Processing

Name	Degree & Position	Specialized Field	Educational Obligation	Research Topics
ABE, Yukuo	Ms. Assistant Professor	Soil Physics	UG	1. Soil Physical Studies on Mechanisms and Countermeasures of Salt Accumulation
AIHARA, Yoshiyasu	Dr. Professor	Farm Structures	UG,DC	1. Environmental Control of Livestock Barns 2. Planning of Farm Structure
AMADA, Takaaki	Assistant Professor	Soil and Water Conservation Erosion Control Engineering	UG,MC	1. Watershed Management 2. Soil Conservation
AOYAMA, Tsuneko	Dr. Professor	Wood Technology	UG,DC	1. Studies on Sawing of Wood
ESAKI, Haruo	Dr. Professor	Agricultural Machinery Harvesting Machinery	UG,DC	1. Mechanizing of the Harvesting Crops 2. Off the Road Locomotion 3. Energy from the Biomass
INOUE, Yoshiyuki	Dr. Professor	Chemistry of Forest Products	UG,DC	1. Studies on the Wood Preservatives 2. Studies on the Wood Deterioration 3. Surface Electrochemical Studies of Wood
KISHIGAMI, Sadao	Dr. Professor	Land Reclamation	UG,DC	1. Soil Dressing by Transporting Mud Water with Pumps
KONAKA, Toshio	Dr. Professor	Agricultural Machinery	UG,DC	1. Farm Mechanization by Systems Engineering 2. Microcomputer Application to Farm Machinery 3. Tillage Mechanics on heavy clay soil
KURODA, Ken-ichi	Dr. Assistant Professor	Wood Chemistry	UG,DC	1. Studies on Pyrolysis of Lignin
KUROISHI, Iwao	Assistant Professor	Agricultural Machinery	UG,AC	1. Studies on Metal Abrasive Wear by Agricultural Products 2. Studies on Mechanization of Management for Green Zone
MAEKAWA, Takaaki	Dr. Assistant Professor	Agricultural Process Engineering	UG,DC	1. Studies on Grain Drying and Storage 2. Studies on Biomass Energy Conversion 3. Studies on Methane Fermentation
MAITA, Hideji	Research Associate	Erosion and Torrent Control	UG	1. Studies on Sediment Transport in Torrential Rivers
OTSUBO, Teruo	Research Associate	Forest Engineering	UG,AC	1. Studies on Prevention of Slope Erosion by Plants
SAHARA, Denzo	Ms. Associate Professor	Agricultural Structures	UG,SG	1. Work Studies on Dairy Barn
SAKUMA, Taiichi	Dr. Assistant Professor	Land Consolidation	UG	1. Land Consolidation in Paddy Field for Enlargement of Farming Scale 2. Non-farm Public Road Construction Synchronizing Cooperative Farm Land Consolidation Projects
SATAKE, Takaaki	Dr. Research Associate	Agricultural Machinery	UG	1. Studies on the Forming Mechanism of Pulverized Biomass Materials 2. Studies on the Soil Cutting by the Wire Blade
SATOH, Masayoshi	Dr. Associate Professor	Irrigation and Drainage Engineering	UG,DC	1. Diversion Requirement of Irrigation Water 2. Operation and Management of Multipurpose Water Resources System
SUGIYAMA, Hiromobu	Ms. Research Associate	Agricultural Hydrology	UG	1. Studies on the Resistance Law of Rain Water Flow 2. Studies on the Storage Law of Water Flow 3. Studies on the Drainage system Pattern of Rain Water Flow
SUZUKI, Masayuki	Dr. Associate Professor	Forest Engineering and Machinery	UG,DC	1. Studies on Forest Road Planning 2. Studies on Forest Mechanization
SUZUKI, Mitsukata	Dr. Professor	Irrigation and Drainage Engineering	UG,DC	1. Water Management in Irrigation and Drainage 2. Hydraulics of Water Quality
TADA, Atsushi	Dr. Associate Professor	Irrigation, Drainage and Land Consolidation Engineering	UG,DC	1. Studies on Land Consolidation 2. Studies on drainage method for rotational paddy fields
TAKAHARA, Hideshige	Dr. Chairman, Professor	Landscape Architecture	UG,MC	1. Effectiveness of Green Belt against Blast Pressure 2. Calculation on the Effectiveness of Green Belts against Radiant Heat 3. Master Plan for Urban Disaster Prevention in Tokyo Area
TOCHIGI, Toshiro	Dr. Associate Professor	Wood Processing	UG,DC	1. Studies on Wood Cutting 2. Sawing Method to Maximize Qualitative Yields 3. Development of Wood-based Materials
YAMAGUCHI, Tomoharu	Ms. Assistant Professor	Farm Structures (Environmental Control for Livestock Housings)	UG	1. Studies on Ventilation System and Air-distribution within the Livestock Housings
YAMAZAWA, Shingo	Dr. Professor	Agricultural Process Engineering	UG,DC	1. Studies on the Technical Evaluation for the Utilization and Storage of Solar Energy in Agriculture 2. Studies on the Methane Gas Production from Suine Waste with two-phase Anaerobic Fermenter 3. Studies on the Heat Transfer Single Kernel
YOSHIZAKI, Shigeru	Dr. Professor	Agricultural Processing	UG,DC	1. Research on Grain Dust Explosion 2. Studies on Rice Milling 3. Studies on Grain Handling
YUZAWA, Shotaro	Assistant Professor	Agricultural Machinery	UG,AC	1. Studies on the Turning Mobility of Farm Machinery 2. Studies on the Soil Cutting by the Wire Blade

note: UG = Undergraduate, MC = Master's Degree Program, DC = Doctoral Program,
SG = Student Guidance AC = Agricultural and Forestry Research Center