

**Fields of Lecture and Research Themes of Professors
Doctoral Program in Forestry Science Faculty of Forestry UGM**

| Major Chair | PROFESSOR | Field of Lecture and Research | |
|---|---|---|---|
| | | Research Field | Research Theme |
| Forest Production and Silviculture | MOHAMMAD NA'IEEM | Tree Improvement | Development of genetical selection and environmental control techniques for forest plant production |
| | SAPTO INDRIOKO (Assoc. Prof) | Tree Genetics | Evaluation of tree genetic resources |
| | WINASTUTI DWI ATMANTO (Assoc. Prof) | Plant Physiology | Biological and physiological studies on sustainable plant production |
| | ENY FARIDAH (Assoc. Prof) | Tree Physiology | Study on physiological ecology of trees |
| | SURYO HARDIWINOTO | Silviculture | Study on forest regeneration in tropical area |
| | BUDIADI (Assoc. Prof) | Agroforestry | Agroforestry management and managing forest |
| | PRIYONO SURYANTO | Agroforestry | Modelling agroforestry system |
| | WIDIYATNO (Assoc. Prof) | Silviculture | Study on vegetation structure and silvicultural systems on the genetic diversity |
| | SITI MUSLIMAH WIDYASTUTI | Plant Pathology | Ecology and pathogenicity of plant pathogen in forest ecosystem |
| | MUSYAFAR (Assoc. Prof) | Forest Entomology | Study on ecology insect related to forest ecology |
| | SRI RAHAYU (Assoc. Prof) | Tree Pathology | Study on epidemiology of forest diseases |
| Forest Management | SAN AFRI AWANG | Social Forestry | Consideration of social thought and theory on sustainable forest management |
| | RONGGO SADONO (Assoc. Prof) | Forest Biometrics | Productivity evaluation of forest stand |
| | AHMAD MARYUDI | Forest Policy | Theoretical and empirical studies to regional forest policy |
| | RIS HADI PURWANTO (Assoc. Prof) | Forest Mensuration | Carbon sequestration in forest ecosystem |
| | SENAWI (Assoc. Prof) | GIS and Mapping | Vegetation mapping for biodiversity |
| Forest Product Utilization and Technology | WIDYANTO DWI NUGROHO (Assoc. Prof) | Wood Anatomy and Formation | Study on wood formation, wood anatomy and identification |
| | TIBERTIUS AGUS PRAYITNO | Wood Adhesion and Composites | Study on performance of laminated timber for structural use |
| | RAGIL WIDYORINI | Bio-based Composites | Development and performance evaluation of natural adhesive for biocomposite |
| | MUHAMMAD NAVIS ROFII (Assoc. Prof) | Wood-based Materials | Study on product and performance wood-based material |
| | GANIS LUKMANDARU | Wood Chemistry | Study on chemical product from wood biomass |
| | DENNY IRAWATI (Assoc. Prof) | Biomass Utilization | Effective use of woody biomass and wood chemical derivative |
| | FANNY HIDAYATI (Assoc. Prof) | Wood Physics and Its Related Properties | Basic Properties of Wood (General Anatomy, Physics, and Wood Mechanics) |
| Forest Resource Conservation | ERNY POEDJIRAHJOE | Forest Ecology | Assessment of biodiversity and ecological management of mangrove |
| | LIES RAHAYU WIJAYANTI FAIDA (Assoc. Prof) | Conservation Area Management | Conservation and management of conserved zone |
| | AMBAR KUSUMANDARI (Assoc. Prof) | Watershed Management | Study on hydrology, soil and water conservation |
| | SATYAWAN PUDYATMOKO | Wild Animal Management | Study on animal behavior, wildlife ecology and conservation |
| | SENA ADI SUBRATA (Assoc. Prof) | Wildlife Ecology and Management | Study on conservation and management with the aim of learning about the ecology of a population |