

- [Doctoral Degree Programs](#)

1. **Study Duration:** 3 years or above
2. **Intake:** September
3. **Teaching Language:** Chinese or English
4. **Tuition Fee:** 25,000 CNY per year
5. **Accommodation:** 4,000 CNY per year (single room)
6. **The Acceptance Form of PhD Supervisor** can be downloaded from <https://gjy.nuist.edu.cn/english/DownloadforAdmission/list.htm>

School of Atmospheric Sciences		
Major	PhD Supervisor	Research Area
Meteorology	JIANG ZHIHONG zhjiang@nuist.edu.cn	<ul style="list-style-type: none"> • Regional Climate Change • Detection and Attribution • Statistical and Dynamical Downscaling
	WANG HUIJUN wanghj@mail.iap.ac.cn	<ul style="list-style-type: none"> • Climate Modeling and Climate Change • Climate Variability and Prediction of the East Asian Monsoon
	CHEN YAODENG keyu@nuist.edu.cn	Numerical Weather Prediction and Data Assimilation
	ZHOU BOTAO zhoubt@nuist.edu.cn	<ul style="list-style-type: none"> • Climate Change • Climate Variability • Climate Dynamics • Climate Extremes • Atmospheric Teleconnection
	CHEN HAISHAN haishan@nuist.edu.cn	<ul style="list-style-type: none"> • Land-atmosphere Interaction • Land Surface Processes and East Asian Climate Modeling • Climate Change and Short-term Climate Prediction
	ZHANG JIE gs-zhangjie@163.com	Land-air Interaction, Extremes, Remote

		Sensing
	YU JINHUA jhyu@nuist.edu.cn	<ul style="list-style-type: none"> Climate Diagnosis and Climate Change Extreme Weather Climate Tropical Cyclones
	LUO JINGJIA jjluo@nuist.edu.cn	<ul style="list-style-type: none"> Climate Dynamics Model Development Climate Prediction and Climate Application
	ZENG GANG zenggang@nuist.edu.cn	<ul style="list-style-type: none"> Monsoon Air-Sea Interaction Climate Change
Hydrometeorology	YUAN XING xyuan@nuist.edu.cn	<ul style="list-style-type: none"> Hydro climatology, terrestrial water cycle global change, extreme events
Climate System and Climate Change	JIANG TONG jiangtong@nuist.edu.cn	<ul style="list-style-type: none"> Disaster Risk Management Climate Change Impacts
School of Applied Meteorology		
Major	PhD Supervisor	Research Area
Applied Meteorology	HAO LU haolu@nuist.edu.cn	<ul style="list-style-type: none"> Eco hydrological Cycle Hydrothermal Process in the Earth Atmosphere System
	ZHANG YANLIN dryanlinzhang@outlook.com	<ul style="list-style-type: none"> Atmospheric Chemistry Isotope Geochemistry Environmental Geochemistry Environmental Science
	HU ZHENGHUA zhhu@nuist.edu.cn	<ul style="list-style-type: none"> Agricultural Meteorology

		<ul style="list-style-type: none"> Eco-environment Meteorology Assessment of Meteorological Disasters
Environmental Ecology	WANG RANGHUI rhwang@nuist.edu.cn	<ul style="list-style-type: none"> Ecological Meteorology Geo-information Atlas and Meteorological Application Environmental Effect Evaluation
	FENG ZHAOZHONG zhaozhong.feng@nuist.edu.cn	Ecological Effects of Environment Change
	LUO XIAOSAN xsluo@nuist.edu.cn	<ul style="list-style-type: none"> Atmospheric Particulate Matter Pollution and Human Health Soil Heavy Metal Pollution and Remediation Climate Change and Agricultural Environment
	WU HONGSHENG yzwhs@126.com	<ul style="list-style-type: none"> Global Environmental Change Ecological Environment Greenhouse Mitigation
School of Atmospheric Physics		
Major	PhD Supervisor	Research Area
Atmospheric RemoteSensing&Atmospheric Sounding	BU LINGBING lingbingbu@nuist.edu.cn	The Technology and Application of Atmospheric Detection with Lidar
	BAO YANSONG ysbao@nuist.edu.cn	<ul style="list-style-type: none"> Satellite Meteorology Data Assimilation Satellite Remote Sensing
AtmosphericPhysics&Atmospheric Environment	LU CHUNSONG luchunsong110@163.com	<ul style="list-style-type: none"> Cloud and Fog Physics

		<ul style="list-style-type: none"> • Aerosol-cloud Interaction
	LI YUBIN liyubin@nuist.edu.cn	<ul style="list-style-type: none"> • Atmospheric Boundary Layer Physics • Atmospheric Environment • Tropical Cyclone Dynamics and Climatology
	MA XIAOYAN xma@nuist.edu.cn	Aerosol-cloud-radiation Interaction and Its Climatic and Environmental Effects
Lighting Science and Technology	GUO Fengxia guofx@nuist.edu.cn	<ul style="list-style-type: none"> • Thunderstorm Clouds Electrical Simulation • Lightning Produces Nitrogen Oxides • Cloud Precipitation Physics
	ZHANG Qilin zhangqilin71@163.com	Lightning Detection Warning

School of Geographical Sciences

Major	PhD Supervisor	Research Area
3SIntegration and Meteorological Application	HUANG XIAODONG huangxd@nuist.edu.cn	Remote Sensing on Cryosphere Remote Sensing and Global Change
	WANG GUOJIE gwang_nuist@163.com	<ul style="list-style-type: none"> • Climate Change and Water Cycle • Meteorological Disaster Risk Management • Land-atmosphere Interactions • Land-surface Hydrological Remote Sensing
	SHEN RUNPING rpshen@nuist.edu.cn	<ul style="list-style-type: none"> • Remote Sensing and Land Surface Processes Simulation • Remote Sensing of Environmental
	ZHAO CHENGYI	<ul style="list-style-type: none"> • Land Surface

	zhaocy@nuist.edu.cn	Processes and Stimulation <ul style="list-style-type: none"> • Climate Change • GIS
Land Surface Process	ZHAO LIN lzhao@nuist.edu.cn	<ul style="list-style-type: none"> • Land Process Simulation and Remote Sensing • GIS and Meteorological Applications • Remote Sensing of Ecological Environment
	ZHAO XIAONING zhaoxiaoning@nuist.edu.cn	<ul style="list-style-type: none"> • Carbon Cycle under Climate Change • Soil and Environment • Water and Fertilization Use Efficiency in Aid Land

School of Remote Sensing&Geomatics Engineering

Major	PhD Supervisor	Research Area
3S Integration and Meteorological Application	JIN SHUANGGEN sgjin@nuist.edu.cn	<ul style="list-style-type: none"> • Satellite Navigation • Remote Sensing • 3SMeteorological Applications
Remote Sensing of Environment	CHEN BAOZHANG baozhang.chen@nuist.edu.cn	<ul style="list-style-type: none"> • Global Change Biology • GIS & Remote Sensing • Land Model • Data Assimilation • Environmental Remote Sensing
Navigation and Space Information	GUAN HAIYAN guanhy.nj@nuist.edu.cn	Remotely sensed data processing; Deep learning; Three-dimensional reconstruction

School of Marine Sciences

Major	PhD Supervisor	Research Area
Marine Meteorology	ZHANG YUANZHI yzzhang309@163.com	Remote Sensing of Ocean and Coastal Waters
	QIU ZHONGFENG zhongfeng.qiu@nuist.edu.cn	<ul style="list-style-type: none"> • Remote Sensing of Ocean • Marine Technology
	DONG CHANGMING	<ul style="list-style-type: none"> • Physical

	cmdong@nuist.edu.cn	Oceanography <ul style="list-style-type: none"> • Geophysical Fluid Dynamics • Regional Ocean Dynamics • Ocean Numerical Simulation
	HE YIJUN yjhe@nuist.edu.cn	Oceanic Microwave Remote Sensing
	SUN DEYONG sundayong@nuist.edu.cn	Ocean Remote Sensing
	WANG XIAOCHUN xcwang@nuist.edu.cn	Air-sea Interaction
School of Environmental Science & Engineering		
Major	PhD Supervisor	Research Area
Environmental Science & Engineering	ZHENG JUN junzheng70@163.com	Air pollution Monitoring and Mechanism Studies
	YU JIANGHUA 002399@nuist.edu.cn	Water Pollution Control
School of Law & Public Affairs		
Major	PhD Supervisor	Research Area
History of Science & Technology	BI SHUOBEN bishuoben@163.com	<ul style="list-style-type: none"> • History of Technology • History of Science
School of Electronic & Information Engineering		
Major	PhD Supervisor	Research Area
Information and Communication Engineering	CHANG JIANHUA jianhuachang@nuist.edu.cn	<ul style="list-style-type: none"> • Nonlinear Optics • All Solid State Laser • Laser Radar
	LU ZHENYU luzhenyu76@163.com	<ul style="list-style-type: none"> • AI Pattern Recognition • Intelligent Control
	ZHOU JIE zhoujie@nuist.edu.cn	<ul style="list-style-type: none"> • Wireless Communications • Wireless Sensor Networks • Electric Instruments and

		Measurement
	XING HONGYAN xinghy@nuist.edu.cn	<ul style="list-style-type: none"> • Signal Detection and Processing • Electronic Measurement and Instrument
	LI TAO litaojia@163.com	Networked Control
	LIU GUANGJIE gjieliu@nuist.edu.cn	Information and Communication Security
	PAN CHENGSHENG pancs@sohu.com	Intelligent Network and Intelligent Decision
	WAN FAYU fayu.wan@nuist.edu.cn	EMC/ESD/Microwave Circuit
	XU JUN jxx108@case.edu	<ul style="list-style-type: none"> • Medical Image Computing • Computational Pathology • Computer-aided Detection, Diagnosis, Prediction and Prognosis on Cancers • Machine Learning • Computer Vision • BigData Analysis via Deep Learning
ZHANG YONGHONG zyh@nuist.edu.cn	<ul style="list-style-type: none"> • Environment Perception and Big Data Analysis • Machine Learning 	

School of Management Science & Engineering

Major	PhD Supervisor	Research Area
Management Science&Engineering	GONG ZAIWU zwgong26@163.com	<ul style="list-style-type: none"> • Group Decision-making • Behavioral Decision-making • Grey Systems and Risk Analysis
	CAO GUANGXI caoguangxi@nuist.edu.cn	<ul style="list-style-type: none"> • Financial Market • Risk Management • Environment

		Economy
	ZHANG HUIMING hm.zhang_16@163.com	<ul style="list-style-type: none"> • Energy and Environment Economics
	PENG BENHONG 002426@nuist.edu.cn	<ul style="list-style-type: none"> • Ecological and Environmental Management • Information Management and Logistics Management • Corporation Innovation Management
	CAI MEI caimei@nuist.edu.cn	Management Science and Engineering
	ZHU BANGZHU wpzbz@126.com	<ul style="list-style-type: none"> • Climate & Environmental System Management • Financial Engineering
	SHENG JICHUAN jsheng@nuist.edu.cn	Environmental and Ecological Management

School of Chemistry & Materials

Major	PhD Supervisor	Research Area
Bio-Environmental Information Materials	Dong Xiaochen iamxcdong@njupt.edu.cn	<ul style="list-style-type: none"> • Advanced Materials and Flexible Electronics • Advanced Energy Material

School of Mathematics & Statistics

Major	PhD Supervisor	Research Area
Mathematics	CHEN YUNJIE priestcyj@nuist.edu.cn	Pattern Recognition
Space Weather	LV JIANYONG jylu@nuist.edu.cn	Space Weather

School of Physics & Optoelectronic Engineering

Major	PhD Supervisor	Research Area
Photoelectric Information Engineering	LIU YUZHU yuzhu.liu@gmail.com	<ul style="list-style-type: none"> • Laser Spectroscopy • Photoelectric Detection • Interaction between Laser and Matter
	LIU BO bo@nuist.edu.cn	Optical Communication and Optical Information Processing

School of Computer & Software		
Major	PhD Supervisor	Research Area
Information Safety	WANG JINWEI wjwei_2004@163.com	<ul style="list-style-type: none"> • High-D Deep Learning • Color Image Forensics • Color Image Watermark
	XIA ZHIHUA xia_zhihua@163.com	<ul style="list-style-type: none"> • Multimedia Security (Encrypted Image Processing) • AI Security • Digital Forensics (Spoof Face Detection)
	FU ZHANGJIE wwwfzj@126.com	<ul style="list-style-type: none"> • Artificial Intelligence • Big Data Security
	MA TINGHUI thma@nuist.edu.cn	<ul style="list-style-type: none"> • Big Data • Cloud Computing • Privacy Preserving
	SHEN JIAN s_shenjian@126.com	<ul style="list-style-type: none"> • Information Security • Cryptography and Wireless Communication Network
	XUE YU xueyu@nuist.edu.cn	<ul style="list-style-type: none"> • Evolutionary Computation • Machine Learning • Data Mining

School of Automation		
Major	PhD Supervisor	Research Area
Environmental Perception and Intelligent Control	GU BIN jsgubin@163.com	<ul style="list-style-type: none"> • Machine Learning • Big Data
	LIU QINGSHAN qslu@nuist.edu.cn	<ul style="list-style-type: none"> • Pattern Recognition • Image Understanding