



# 水利部南京水利水文自动化研究所

NANJING AUTOMATION INSTITUTE OF WATER CONSERVANCY AND HYDROLOGY, MINISTRY OF WATER RESOURCES

# 简介

水利部南京水利水文自动化研究所的前身,水工仪器制造试验工厂,诞生于战火纷飞的抗战年代(1940年),由于国民经济发展的需要,两次搬迁,往返于南京、重庆,于1981年回迁南京。是中华人民共和国水利部直属的专业从事水利自动化、信息化技术研究以及水文水资源监控装备研制和应用的科研机构。

经过不断发展、创新,已成为国内外知名的水利水文自动 化仪器和水文水资源监控调度领域集成技术研究的科研、生产 基地。承担了水利自动化、水文水资源监控领域中具有全局 性、方向性、公益性、关键性的重大科研课题,取得了显著的 成效,在中国现代水文仪器研究、水利自动化信息化和国际水 文气象检测领域占有重要的地位,是中国水利现代化建设及国 际水文气象监测技术支撑的主力军。

目前,研究所已拥有一支专业门类齐全、技术力量雄厚的 科研队伍,在科研和高新技术产业化方面均取得了丰硕成果。 多次荣获国家级科技进步奖和部、省级科技进步奖,拥有专利 60余项,软件著作权20余项,主持和参与编制水文仪器、岩 土工程仪器的国家、行业标准120余项。

秉承"科学严谨,技术先进,品质优良,顾客满意"的质量方针,研究所将继续以领先的技术、可靠的质量和优质的服务,为我国及国际水利水文现代化建设提供可靠的科技支撑。

### Overview

Nanjing Automation Institute of Water Conservancy and Hydrology (NAIWCH), Ministry of Water Resources, formerly known as Water Conservancy Manufacturing and Experimental Plant, was established under the war flames of the Japanese invasion era (1940). Due to the increasing demand accompanied by fast economic growth, relocated twice, between Nanjing and Chongqing, NAIWCH finally settles in Nanjing in 1981. NAIWCH is directly subordinate to the Ministry of Water Resources (MWR), PRC. dedicated to the development and innovation of water conservancy and hydrology automation, information technology research, hydrological monitoring and its equipment development as well as implementation.

With an ever developing and innovating motto, our institution has earned its name across the country and the world for automation and monitoring equipment in the field, and has become the base of research, innovation and manufacture of the industry. NAIWCH has shown its overall superiority, directionality, and public warfare on significant research topics of water conservancy and hydrology in providing effective products and strategies. NAIWCH plays a significant role in modern hydrology equipment research, water conservancy automation and informatization and in the realm of international hydrological and meteorological monitoring skill, thus making itself the leader in building national water conservancy modernization and research on international hydrology and meteorology monitoring.

At present, our institution consists of a team of research elites with comprehensive specialties and skills, and has proven achievement in scientific research and innovation. Being awarded multiple national and state prizes for progress in science and technology, owing more than 60 patents and over 20 software copyrights, NAIWCH had hosted as well as participated in the development, writing and compiling of more than 120 national and industry standards for water conservancy, hydrology and geotechnical engineering.

Strictly following the policy of "concise science, ever innovating technology, superior quality, customer satisfaction first", we keep expanding for reliable and quality service, and for the automation and modernization of China's water conservancy and hydrology technology.





# 目录 CONTENTS

一,	领导关怀	Caring leadership	01
,	发展历程	Development history	13
三、	机构设置	Organisation structure	15
四、	业务领域	Business area	16
五、	科技创新	Scientific and technological innovation	17
六、	国际交流	International communication	42
七、	公益责任	Public responsibility	44
八、	文化建设	Culture development	48
九、	未来展望	Future prospect	49

### ⊙领导关怀 Leadership care

钱正英题词

Written inscription by ZHENGYING QIAN

钮茂生题词 Written inscription by MAOSHENG NIU

发挥水文科技国家队的现代的建设做出步贡献!

迁建三十周年

好,

展处末根 水所迁建三十月年



胡四一题词

Written inscription by SIYI HU

刘宁题词 Written inscription by NING LIU

> 罗南京水制水及自动化件 近建30周年

> > 2011.10.28

观质量水准浴浴

### ○领导关怀 Leadership care

邓坚题词

Written inscription by JIAN DENG

张建云题词

Written inscription by JIANYUN ZHANG

与特性, 并抓倒靴, 直接班之, 版多社会.

AP 1/2 2011.10.25

事就做做的证明 经过少的数据的成立则以此建设。 配质证明,是现代的成立则以此建设。 配质证明,是现在了特徵发行。 整理证证明,



• 时任中共中央总书记胡锦涛视察我所研制的江都泵站机组计算机监控自动化系统 The then chairman JINGTAO HU inspected the JIANGDU pump station's automatic supervisory computer control system, which provided by us

# ⊙领导关怀 Leadership care



• 时任国务院总理温家宝视察我所研制的望亭水利枢纽自动化系统 The then prime minister JIABAO WEN inspected the WANGTING hydro-junction automatic system, which researched and developed by us



• 时任国务院总理朱镕基视察我所研制的江都泵站机组计算机监控自动化系统 The then prime minister RONGJI ZHU inspected the JIANGDU pump station's automatic supervisory computer control system, which provided by us

# ⊙领导关怀 Leadership care



• 时任全国政协副主席钱正英视察我所
The then vice-chairman of CPPCC ZHENGYING QIAN inspected our institute



• 时任江苏省副省长黄莉新陪同陈雷部长视察我所承建的太浦闸数字化水文站 Then the Vice-governor LIXIN HUANG and minister LEI CHEN inspected our institute



• 时任水利部长钮茂生视察我所
The then minister of water resources MAOSHENG NIU inspected our institute



• 时任水利部长汪恕诚视察我所 The then minister of water resources SHUCHENG WANG inspected our institute



# ⊙领导关怀 Leadership care



• 水利部副部长鄂竟平到我所视察 Vice minister of water resources Jingping E to inspect our institute



• 时任水利部副部长周英到我所听取工作汇报 Then vice minister of water resources Ying Zhou to our research institute to listen to the work report



• 时任水利部副部长胡四一到我所视察
The then vice minister of water resources Siyi Hu inspected our institute



• 刘宁副部长检查我所承建的鄱阳湖蛇山水质水量监测系统 Vice minister of water resources Ning Liu inspected our institute's construction of snake mountain island water monitoring system at Poyang Lake



• 水利部党组成员、中纪委驻部纪检组组长田野来我所检查指导工作 CPC leading group members, the party's discipline inspection team leader of ministry of water resources YE TIAN, gave inspection guidance for our institute



• 部水文局邓坚局长来我所检查指导工作 Ministry of water resources hydrographic officer JIAN DENG to guide the work for our institute



• 部水文局党委书记兼副局长蔡阳来我所检查指导工作 Ministry of water resources hydrographic office secretary of the party committee and deputy director YANG CAI gave inspection guidance for our institute



• 张建云院长(院士)来所检查指导工作
Dean and academician of Nanjing water conservancy science research institute, Chinese academy of engineering and the Royal Academy of sciences institute Jianyun Zhang gave inspection instruction work for us



### ○发展历程 The development course



• 1940年9月,在重庆上清寺诞生的"水工仪器制造实验工厂"

In September 1940, "Water conservancy engineering experiment instrument manufacturing factory" was born at SHANGQING temple in Chongqing



• 1946年,"水工仪器制造实验工厂"动迁至南京糖坊桥60号

In 1946, "Water conservancy engineering experiment instrument manufacturing factory " resettled to NO. 60 TANGFANG bridge in Nanjing



• 1947年初,"水工仪器制造实验工厂" 搬迁至清凉山下龙蟠里

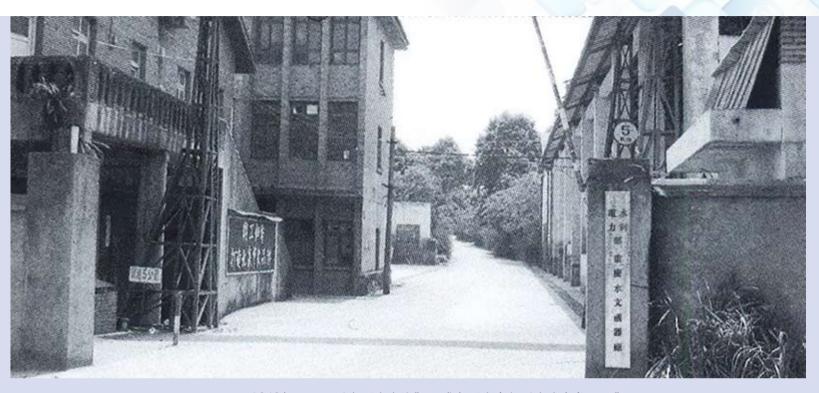
At the beginning of 1947, "Water conservancy engineering experiment instrument manufacturing factory" moved to LONGPAN Rd, QINGLIANG Mountain Nanjing



• 1951年, 迁至模范马路原导淮委员会旧址, 工厂更名为"南京水工仪器厂" In 1951, the "Water conservancy engineering experiment instrument-manufacturing factory "moved to MOUFAN road Huai committee site(present), the factory changed its name to "Nanjing water conservancy project instrument factory"



• 1958年, 更名为"南京水利电力仪表厂" In 1958, changed its name to "Nanjing water conservancy and electric power equipment factory "



• 1969年,迁至重庆"大庆沟",成立"水电部重庆水文仪器厂" In 1969, moved to Chongqing "DAQING ditch", set up "Chongqing hydrologic instrument factory"



• 水文仪器研究室(重庆) Hydrologic instrument laboratory (Chongqing)



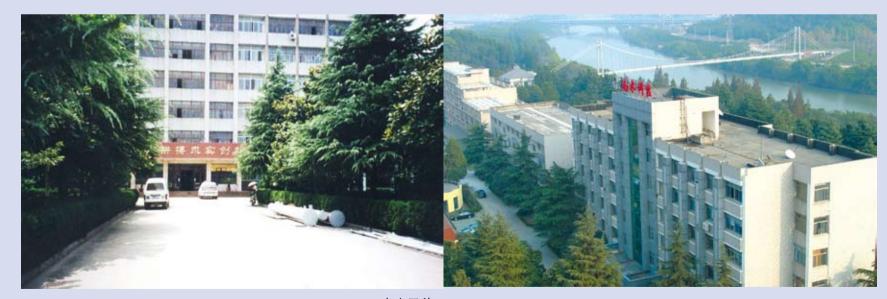
• 1981年,回迁至南京的客轮 In 1981, returned to Nanjing liner

# ⊙发展历程 The development course



• 迁建南京铁心桥新址 The relocation to New TIEXIN Bridge, Nanjing

• 1984年,本所建设的第一栋楼 (实验楼) In 1984, the institute's first lab building



• 南水风貌 NAIWCH style and feature







• 所大门 Institute's Main door

### ⊙机构设置 Institutions





- 水文监测技术研究与应用
- 水资源监控与管理技术研究与应用
- 水利工程自动化技术研究与应用
- 工程安全监测与管理技术研究与应用
- 水利信息化系统集成技术研究与应用
- 水文水资源/岩土工程仪器、设备计量检定方法和

#### 装置研究与应用

- 水文水资源仪器、设备研制与生产
- 岩土工程监测仪器、设备研制与生产
- 国家、行业技术标准的编制与行业技术培训
- 水利自动化、信息化系统工程设计与咨询

- Hydrological monitoring technology research and application
- Water resources monitoring and management technology research and application
- Water conservancy engineering automation technology research and application
- Engineering safety monitoring and management technology research and application
- Water information system integration technology research and application
- Hydrology and water resources/geotechnical instruments and equipment calibration method and the device research and application
- Instruments and equipment development and production of hydrology and water resources
- Geotechnical monitoring instruments and equipment development and production
- National and industry technical standards and industry technical training
- Water conservancy automation, information system engineering design and consulting

### NANJING AUTOMATION INSTITUTE OF WATER CONSERVANCY AND HYDROLOGY, MINISTRY OF WATER RESOURCES



# ○科技创新 Science and technology innovation

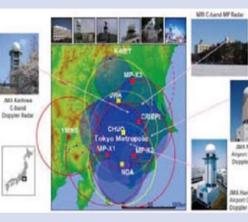
承担公益性行业科研专项经费课题 Take part in research for public welfare industry fee issue



• 水位/渠道流量计量关键技术研究 Key techniques of water/channel flow metering



• 基于物联网的智能农业灌区关键技术研究 Based on the key techniques of Internet of intelligent agricultural irrigation



• 基于X波段雷达高精度面雨量检测 关键技术研究

Based on x-band radar key techniques of high precision surface rainfall detection

承担的部分水利部 "948计划" 专项课题 Take part in the ministry of water resources "948-plan" subject





• 移动式雨量传感器检定装置 Mobile rainfall sensor calibration device



• 中小型水库信息采集传输关键技术 Small and medium-sized reservoir information collection and transmission key technology



• 山洪灾害高流速流量自动监测设备 Mountain torrent disaster high velocity flow automatic monitoring equipment

### 承担的部分水利部 "948计划" 专项课题 Take part in the ministry of water resources "948-plan" subject



• 重金属水质在线分析仪引进及应用 on-line analyzer introduction and application of heavy metals water quality



• 复频超声波除藻技术及设备
The complex frequency ultrasound algae removal technology and equipment



• LB系列旋杯式流速仪 LB series cup type current meter

### 承担的部分科技成果转化专项课题

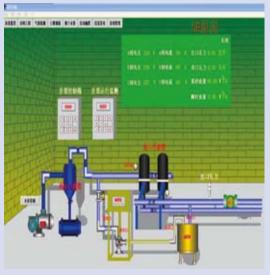
Take the part of the transformation of scientific and technological achievements subject



 农村安全保障暴雨山洪自动监测系统
 Storm & flood Security on automatic monitoring system in the countryside



• 水文浮标站应急监测装置推广应用 Hydrological station popularization and application of emergency monitoring device



• 灌区水管理信息化技术集成
Irrigation water management information technology integration

# NANJING AUTOMATION INSTITUTE OF WATER CONSERVANCY AND HYDROLOGY, MINISTRY OF WATER RESOURCES



# ⊙科技创新 Science and technology innovation

### 水文监测 Hydrological monitoring



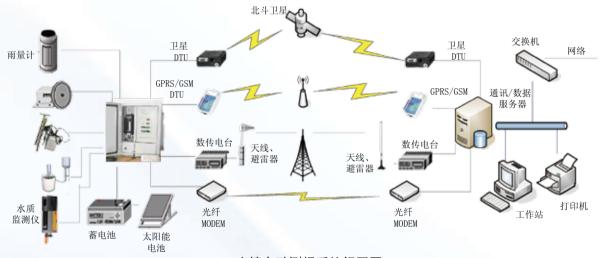
• 印度水情站设备安装 Hydrologic station equipment installation, India



• 鄱阳湖水量水质自动监测站
Poyang lake water quality automatic monitoring station



• 水情遥测站 hydrologic telemetering station



• 水情自动测报系统组网图

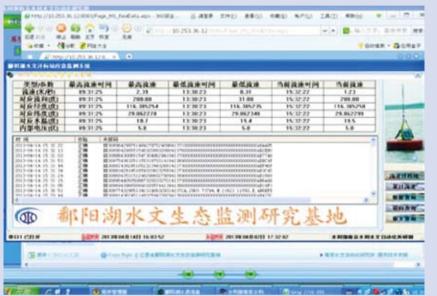
• 雷达水位计测站



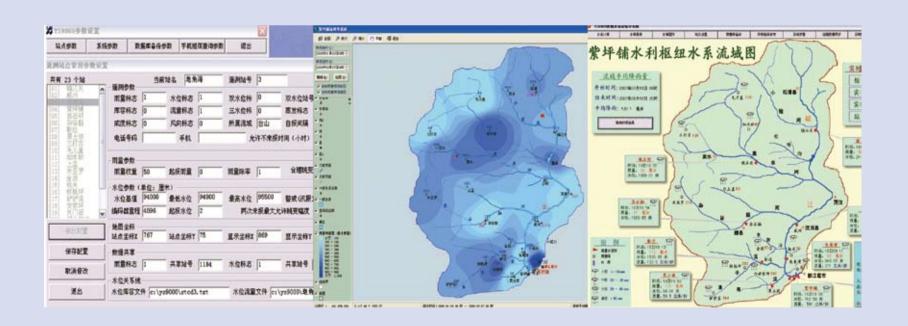
雨量站 precipitation station



#### Hydrological monitoring 水文监测





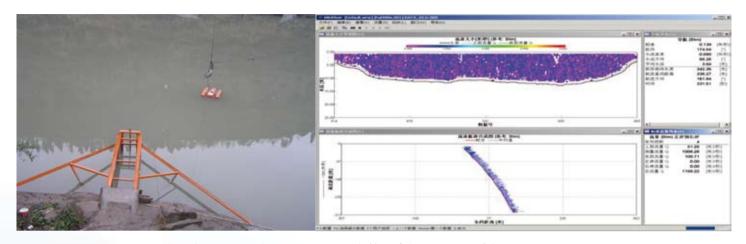


# NANJING AUTOMATION INSTITUTE OF WATER CONSERVANCY AND HYDROLOGY, MINISTRY OF WATER RESOURCES



# ⊙科技创新 Science and technology innovation

### 在线测流系统 Online measurement system



• 重庆市水文局东溪水文站H-ADCP-正在使用走航ADCP做测流比对 Chongqing waterway bureau of Dongxi - ADCP - are using navigation ADCP to do flow ratio

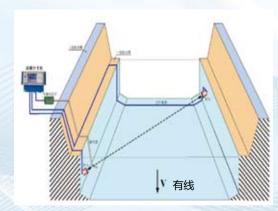


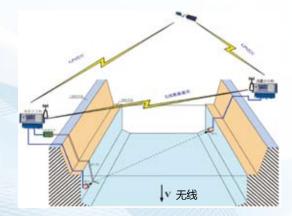
• 江西吉安坳下坪非接触式雷达测流系统 Jiangxi province Aoxiaping non-contact measurement radar system



• 昆明小江站非接触式雷达测流系统 XiaoJiang station non-contact measurement radar system in Kunming





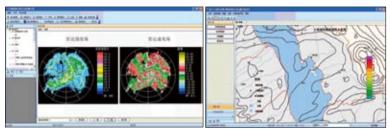


• 南水北调宝应湖无线时差法在线测流系统 South-to-North water transfer project, Baoying Lake, wireless time difference method on-line measurement system

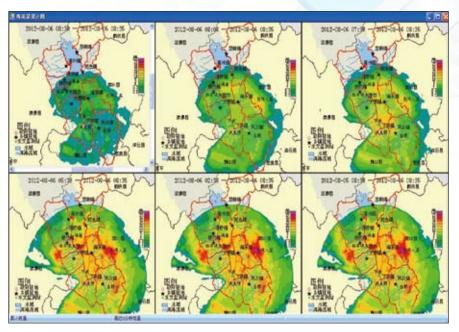
### Surface precipitation radar monitoring 雷达面雨量监测



• 监测雷达



• 雷达监控图 Radar chart



• 最近24小时降雨变化图 Recently, 24-hour rainfall variation

### Soil moisture 土壤墒情



• 墒情移动站监测

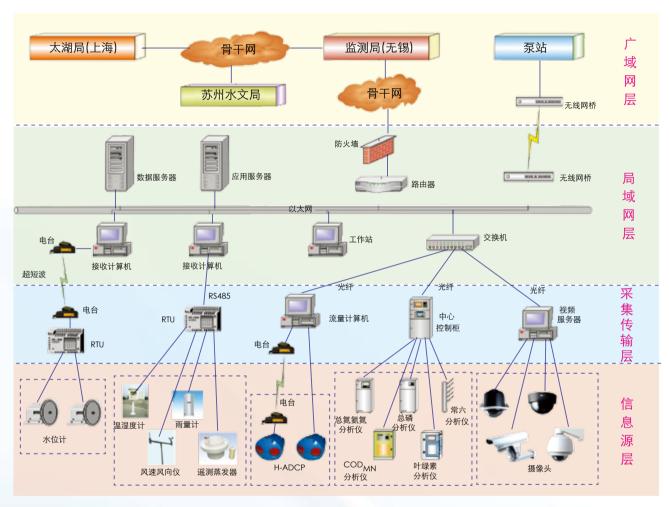
Monitoring soil moisture of mobile station



• 区域 (面) 墒情监测 Soil moisture monitoring area (surface)

# ○科技创新 Science and technology innovation

### 数字化水文站 Digital hydrological station



• 总体结构图 The overall structure



上海淀山湖外貌
 Appearance of Shanghai Dianshan Lake



• 气象场 Meteorological field

### Water resources monitoring and management 水资源监控与管理

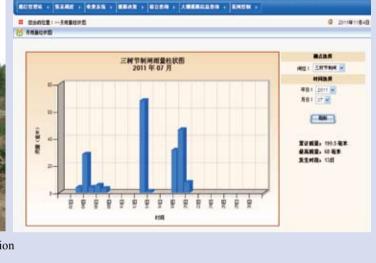
江苏省宿迁市宿城区船行灌区系统



• 节水灌溉 Water-saving irrigation



● 节水灌溉 Water-saving irrigation







• 地下水监测 Groundwater monitoring



• 地下水监测 Groundwater monitoring

# ⊙科技创新 Science and technology innovation

### 水质监测 Water quality monitoring



• 贡湖水质站 GongHu water quality station



• 武进港水质站 Water quality station, Wujin port



• 控制界面 Control interface



• 预处理单元 Pretreatment unit



• 西塘河水质站 Water quality station, Xitang Rive

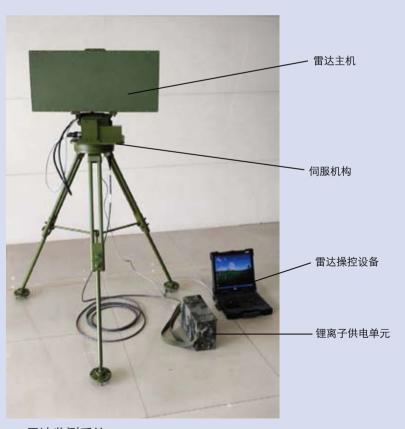
### Water source safety monitoring 水源地安全监测



• 雷达监测与预警系统界面 Radar monitoring and warning system interface



• 湖面 The surface of the lake



• 雷达监测系统 Radar monitoring system



• 库区 The reservoir



• 湿地 Wetland

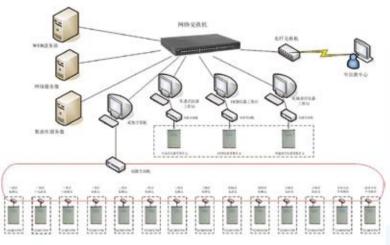
# ⊙科技创新 Science and technology innovation

工程安全监测: 三峡 Engineering safety monitoring: The Three Gorges

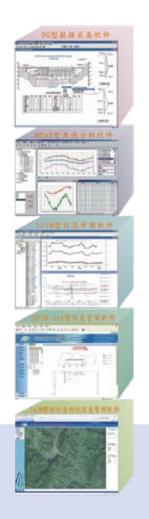


• 三峡水利枢纽永久船闸安全监测自动化系统
The permanent ship lock of the three gorges water conservancy hub safety monitoring automation system





Engineering safety monitoring: Lechang gorge 工程安全监测: 乐昌峡





• 乐昌峡水利枢纽大坝安全监测自动化系统 Lechang gorge water conservancy dam safety monitoring automation system



• 乐昌峡水利枢纽安全监测信息管理系统的软件界面 Lechang gorge water conservancy hub safety monitoring information management system software interface

# ⊙科技创新 Science and technology innovation

水工安全监测: 缅甸太平江 Hydraulic safety monitoring: Burma too at pingkiang









• 缅甸DAPEIN水电站大坝监测自动化系统

Myanmar DAPEIN hydropower station dam monitoring automation system

### Water conservancy monitoring 水利枢纽监控



• 泉州金鸡拦河闸自动控制系统 Quanzhou golden block penstock automatic control system

• 中控室 Central control room



• 现地监控单元 In situ monitoring unit



 63孔闸门的大型水闸三河闸外景
 63 large hole gate sluice cohesive material on location



• 界面 Interface

### ○科技创新 Science and technology innovation

### 综合自动化平台 Integrated automation platform

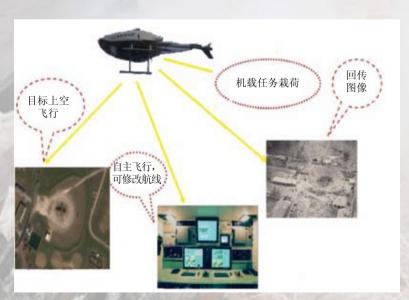




# Emergency monitoring 应急监测



• 水文应急监测系统 Hydrology emergency monitoring system



• 无人机应急监测系统组成示意图 Unmanned aerial vehicle (uav) of emergency monitoring system diagram





• 无人机监控界面面 Monitor interface surface, unmanned aerial vehicles (uavs)



# ○科技创新 Science and technology innovation

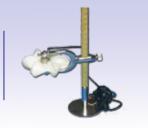
研制的部分水文仪器、设备 Part of the hydrological instruments and equipment











- LJ20系列旋桨式流速仪
- LJ12系列旋桨式流速仪
- LB70系列旋杯式流速仪
- LJZ-1型便携式流速流量仪
- LB50旋杯式流速仪

- LJ20 series propeller type current meter
- LJ12 series propeller type current meter
- LB70 series rotary type current meter
- LJZ 1 portable flow meter
- LB50 cup type current meter











- JEZ系列雨雪量计
- PGC10型移动式 雨量计率定仪
- JDZ05-1型翻斗式雨量传感器
- JDZB系列报警雨量计
- JDY-1型遥测雨量计

- JEZ series of rain and snow sensor
- PGC10 type movable rain gauge rate meter
- JDZ05 1 type tipping bucket rainfall sensor
- JDZB series alarm rain gauge
- JDY 1 type telemetry rain gauge











- WFH-2A型浮子式水位计
- PWP20闸门开度仪
- WDY-IS-II型遥测水位计
- WY100型压力式水位计
- WYZ系列振弦式水位计

- WFH 2 a float type water level gauge
- PWP20 gate opening meter
- WDY-1S-II type remote sensing water level gauge
- WY100 pressure type water level gauge
- WYZ series vibrating string type water level gauge











- SSZ型超声波测深仪
- E601B水面蒸发器
- BB-1型玻璃钢百叶箱
- EXC-1型防汛水文巡测车 EXC-1 type flood hydrology patrol car
- EKL系列缆道控制台

- SSZ type ultrasonic echo sounder
- E601B water evaporator
- BB-1 type glass fiber reinforced plastic screen

EKL series cable console

## Part of the geotechnical engineering equipment 研制的部分岩土工程仪器



### • 差阻式应变计

## • 差阻式测缝计

### • 铜电阻温度计

### • 差阻式基岩变位计

### • 差阻式钢筋计

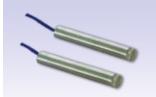
differential resistance strain gauge

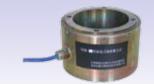
differential resistance type joint meter

copper resistance thermometer

differential resistance type bedrock displacement meter

differential resistance type steel bar meter











## • 钢弦式渗压计

Osmometer, steel string type

• 钢弦式锚索测力计仪

steel string type anchor ergometer

#### • 钢弦式多点位移计

steel type multipoint displacement meter

#### • 电阻式位移计

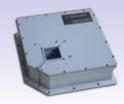
resistance type displacement meter

### • 电阻式多点位移计

resistance type multipoint displacement meter











### • 光电式引张线仪

photoelectric type wire alignment telemeter

## • 光电式垂线坐标仪

photoelectric type pendulum telecoordinometer

### • CCD 光电式垂线坐标仪

CCD photoelectric type pendulum telecoordinometer

### • 差动变压器式静力水准仪

differential transformer type static level gauge

• 水管式沉降仪

water tube settlement instrument





• 翻斗式管口渗流量仪







### • 引张线式水平位移计

tilting nozzle seepage flow meter

• 浮子式量水堰仪

float type weir measuring gauge

• MCU测量控制单元

Measurement, MCU control unit

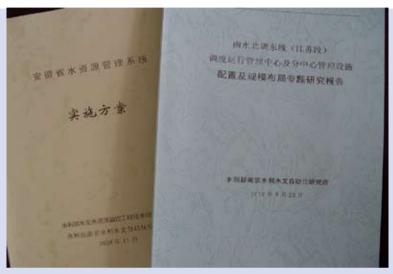
### • 电阻式仪器检测仪

resistance instrument detector

# ⊙科技创新 Science and technology innovation

设计咨询 Design consultation









# Construction of talent 人才建设

















# ⊙科技创新 Science and technology innovation

检测手段 Detection means







## qualification 资质

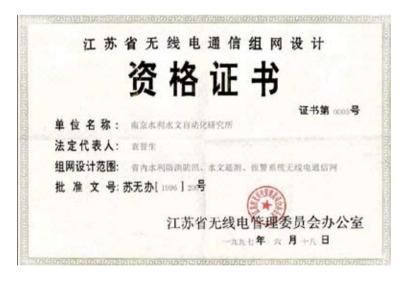








• ISO质量认证 ISO quality certification



• 无线电组网设计证书 radio network design certificate



# ○科技创新 Science and technology innovation

成果 Results



 分布式大坝系统(国家三等奖)
 Dam, the distributed system (national third prize)



 防汛抗旱指挥系统(国家二等奖)
 Flood control and drought relief command system (national second prize)



• 水库调度(国家二等奖) The reservoir scheduling (national second prize)



转子式流速仪(大禹二等奖)
 rotor type current meter (Second prize, Dayu)



• 水利工程施工(优质大禹奖)
Water conservancy project construction
(high quality dayu prize)



 水文测报技术(大禹三等奖)
 hydrological telemetry technology itself (third prize)



 大坝应力温度及变形监测系统(水利部二等奖)
 Dam stress, temperature and deformation monitoring system (second prize) ministry of water resources



灌区综合管理(省一等奖)
 Comprehensive management in the irrigation area (province first prize)



• 测报系统集成整合(省一等奖) telemetry system integration (province first prize)

#### NANJING AUTOMATION INSTITUTE OF WATER CONSERVANCY AND HYDROLOGY, MINISTRY OF WATER RESOURCES



# ○科技创新 Science and technology innovation

### 成果 Results

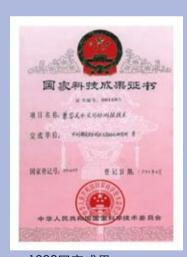








• 无人水文站测报技术 (联合国发明创新) automatic hydrologic telemetry technology (UN innovation)



 1990国家成果 (兼容式水文测报)
 1990 countries (compatible with hydrological telemetry)



 1990国家成果 (雨量数据收集处理系统)
 1990 countries (rainfall data collection processing systems)

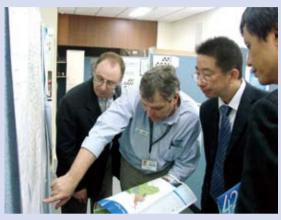


• 发明专利证书 (翻斗式管口渗流量仪) invention patent certificate (tilting nozzle seepage flow meter)

# ○国际交流 It's international communication



 蒋兆宏所长和陆云扬副所长访问南非
 Jiang Zhaohong director and deputy director of NAIWCH Lu Yunyang visit to South Africa



 蒋兆宏所长(右二)访问澳大利 亚RUBICON公司 Jiang Zhaohong (second from right), director of the NAIWCH, visited Australia RUBICON company



陆云扬副所长(左一)访问德国SEBA公司
 Lu Yunyang (first left), the deputy director of NAIWCH visited Germany SEBA



 何生荣副所长 (左一) 参加美国乔治梅森大学培训 He Shengrong (left), the deputy director of NAIWCH, participated in George mason university training



• 邵军副所长 (左二) 赴德国有关公司访问 Shao Jun, deputy director of NAIWCH (second from left) visited Germany company



• 徐国龙副所长(右三)访问加拿大ROCTEST公司 XU Guolong, deputy director of NAIWCH (third right) visited Canada ROCTEST company



# ⊙国际交流 It's international communication



● 与印度奥里萨帮邦专家交流 communicate with experts from Orissa, India



• 古巴专家来我所访问 Cuba expert visit to our institute



• 第25届国际标准化组织水文测验技术委员 The 25th international organization for standardization hydrological technology committee



参加水文标准年会
 to participate in the hydrological standard convention

# ⊙公益责任 The public responsibility

Rescue and relief 抢险救灾



















# ⊙公益责任 The public responsibility

## 行业业务培训 Industry business training



• 全国水文技术培训班 the national hydrological technology training



• 全国水文仪器维修与新技术应用培训班 national hydrological instruments maintenance and application of new technology training



• 现场培训 On-site training



• 陕西省水文局培训班 Hydrology bureau, Shanxi province class



云南水文局培训班
 Yunnan waterway training course



• 全国河流ADCP应用技术研讨会 the national river ADCP application technology seminar

## Engineering research center 工程研究中心







Water conservancy information magazine 水利信息化杂志







monographs 专著





# ○公益责任 The public responsibility

#### 水利部水文仪器及岩土工程仪器质量监督检验测试中心

Ministry of water resources of hydrological instruments and geotechnical engineering equipment quality supervision, inspection and test center





## 水文仪器及岩土工程仪器生产许可证审查部

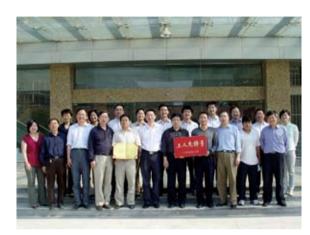
Hydrological instruments and geotechnical engineering equipment production license examination department







# ○文化建设 Cultural construction



• 工人先锋号 The workers pioneer



• 团拜会 mass



• 兄弟院所文化建设暨党建工作交流 Brother, school culture construction and party construction



• 健身舞比赛 Fitness dance contest



• 民主法治先进单位 Advanced unit, democracy Institute



• 拔河 Tug of war



• 足球 Football

# ○未来展望 Future Prospects

回顾历史,我们心潮澎湃,展望未来,我们信心满怀!

水利部南京水利水文自动化研究所将在水利部和南京水利科学研究院的正确领导和大力支持下,秉承"团结、拼搏、求实、创新"的科研精神、"科学严谨,技术先进,品质优良,顾客满意"的质量方针,为水文水资源监控领域提供强有力的技术支撑,为水利信息化提供全方位、高水平的服务。围绕新时期"科技创新、人才引领,实现跨越式发展"的战略目标,继续以领先的技术、可靠的质量和完善的服务,将南水所努力建成水文水资源监控工程技术和水利信息化领域一流的科学研究基地、人才培养基地、成果孵化基地、技术决策支持中心,创建水利行业一流的社会公益与科技产业竞相发展的专业化研究机构,跻身世界先进行列。

Reviewing the history, our mind is filled with emotions; looking into the future, our hearts are unbounded with confidence!

Nanjing Automation Institute of Water Conservancy and Hydrology, with the abundant facilitation and wise direction of the Ministry of Water Resources and Nanjing Hydrologic Research Institute, is determined to stick to the spirit of "unity, hard work, realistic approach, and innovation", the motto of "concise science, ever innovating technology, superior quality, customer satisfaction first" and strives to provide strong support for the industry as well as comprehensive, high quality service. Looking into the strategic target of this new era: "technology innovation, talent retainment, realizing leap-forward development", NAIWCH is deemed to maintain superiority in technology, quality and reliability of service that it aims to become the top-rated science center for water conservancy research, hydrology analysis with leading information and automation technology as well as the hub for talent development and education. We aim to become a professional body for technology expanding, public welfare, competitive industry development being in the front row worldwide.



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