



Du. Feihang **Managing Consultant**

SPS

Overview

Feihang Du joined aviation planning industry since July 2015. His primary area focus includes aviation activity forecast studies, peak hour passenger demand analyses, gate requirements, gate use analysis and gate allocation, terminal facility requirements, airfield simulation and airfield capacity analyses.

Operational Data Analysis

Mr. Du has a deep research on the airport Operational data, and in the process of multiple project analysis, he accumulated rich experience in practice. According to different project data requirements, He provides data support to the project team. Recently in Hangzhou Master planning and Strategic planning project and The Cargo Area Development Scheme of Ezhou Airport under International Logistic Hub Project Hubei Province (China), his main work includes the analysis of Operational Data, in airport planning analysis, Mr. Du does his best and makes a certain contribution his representative projects include Shanghai Hongqiao international airport, Shanghai Pudong international airport, Hangzhou Xiao Shan international airport, Qingdao Jiaodong international airport, Xi'an Xianyang international airport, The Cargo Area Development Scheme of Ezhou Airport under International Logistic Hub Project Hubei Province (China).

Air Traffic Forecast/Facility Requirements

Mr. Du has been implementing technical research on airports and terminal facility programming. He is developing domestic airports data base through airports surveys on number of facilities, layouts, processing rates, etc, and studying on airports activities and passenger queuing models. With understanding of airport/airlines operation requirements, he does research about Air Traffic Forecast and facility requirements. The Major projects: Shanghai hongqiao international airport facility study.

Flight Schedule Development/Airline Allocation/Gate requirement/Capacity Analyses

Mr. Du recently completed projects include Qingdao International Airport planning project, Xi'an Xianyang international airport airfield simulation, Kunming Changshui international airport airfield simulation, his major tasks including flight schedule development, existing airfield gate allocation analysis, future airlines allocation, gate allocation, to provide detail ramp chart to the team and the owner, also providing data for airfield and runway simulation to analysis and evaluate airport capacity.

Airfield Simulation

Mr. Du has extensive experience in applying computer simulation technology on quantities assessment of airport expansion schemes and operation solution, which provides airport authorities consultant recommendations in capacity and delay for strategy decision. Representative projects include Qingdao Jiaodong international airport airfield simulation, Xi'an Xianyang international airport airfield simulation, Kunming Changshui international airport airfield simulation.

Education

Bachelor – Mathematics – Zhejiang University of Technology

Master – Applied Statistics – East China Normal University

Representative Projects

Major projects Mr. Du has involved in:

- **Shanghai hongqiao international airport**
 - Operational Data Analysis
 - Air Traffic Forecast
 - Airport Facilities Development Planning
 - Terminal 2 Expansion Feasibility Research
- **Shanghai pudong international airport**
 - Operational Data Analysis
 - Air Traffic Forecast
- **Beijing Capital International Airport**
 - Terminal Survey
 - Operational Data Analysis
 - Air Traffic Forecast
- **Kunming changshui international airport**
 - Operational Data Analysis
 - Flight Schedule Development
 - GMS Gate Allocation
 - Airfield Simulation
- **Kunming changshui international airport**
 - Airport Hub Development
- **Xi'an xianyang international airport**
 - Operational Data Analysis
 - Facility requirements
 - Flight Schedule Development
 - GMS Gate Allocation
 - Airfield Simulation
- **Qingdao jiaodong international airport**
 - Operational Data Analysis
 - Flight Schedule Development
 - Gate requirements
 - GMS Gate Allocation
 - Airfield Simulation
- **Hangzhou Xiaoshan international airport**
 - Operational Data Analysis
 - Air Traffic Forecast
- **Xiamen gaqi international airport**
 - Operational Data Analysis
- **Wuhan tianhe international airport**
 - Operational Data Analysis
- **Yantai Penglai International Airport**
 - Strategic Planning
 - Air Traffic Forecast and Facility Requirement
- **Fuzhou Changle International Airport**
 - Airline Allocation
 - Gate Requirement
- **Chengdu tianfu international airport**
 - Flight Schedule Development
 - GMS Gate Allocation
- **The Cargo Area Development Scheme of Ezhou Airport under International Logistic Hub Project Hubei Province (China)**
 - Operational Data Analysis
 - Gate requirements