

## Viaggio negli aeroporti italiani

Gli aeroporti sono strumenti fondamentali per la competitività di qualsiasi paese e in particolare per l'Italia, la cui economia dipende molto dalle esportazioni e dal turismo.

Anche le fiere, canali privilegiati per la promozione del Made in Italy, devono molto per il loro successo alla disponibilità d'infrastrutture aeroportuali facilmente accessibili e dotate di collegamenti adeguati.

Con questo numero, Prisma inizia un viaggio attraverso gli aeroporti Italiani, per cercare di descriverne situazioni e prospettive.

Partiamo da alcuni aeroporti di taglia media – Rimini, Torino, Verona e Brescia –, ma dei quali due, Rimini e Verona, servono quartieri fieristici che sono ai vertici della classifica nazionale. Proseguiremo con gli aeroporti di Roma, Milano, Venezia, Bologna, ...

## Journey into Italian Airports

Airports are fundamental instruments for the competitiveness of any country and in particular for Italy, as it has an economy that greatly depends upon export and tourism.

Even trade fairs, privileged channels for promoting Made in Italy, owe a great deal of their success to the availability of airport facilities that are easily accessible and associated with adequate connecting routes. With this issue Prisma begins a journey across Italian airports, In order to try to describe the situations and perspectives.

Starting from a few medium size airports – Rimini, Turin, Verona and Brescia –, of which two, Rimini and Verona, serve trade fair venues which rank at the top of the national table. We will then proceed with Rome, Milan, Venice, Bologna, ...

**EDUCATION. FOR AIRPORT ENGINEERS AND TRANSPORTATION PLANNERS**

## Airport Engineering, a Successful Textbook for over 30 Years

All chapters have been updated to 2010 standards and practices to reflect industry structure

This fourth edition of *Airport Engineering*, a classic textbook in the education of airport engineers and transportation planners, is a complete update of the third edition published in 1992. Over the past twenty years, construction of new airports in the US has waned as construction abroad boomed. This new edition responds to this shift in the growth of airports globally, with a focus on the role of the International Civil Aviation Organization (ICAO), while still providing the best practices and tested fundamentals that have made the book successful for over 30 years.

The authors – Norman J. Ashford, Saleh Mumayiz and Paul H. Wright – have teaching experience in postgraduate and post-experience courses throughout the world and extensive consultancy experience, having in the last 20 years participated in the planning and design of many airports around the world, both large and small.

This new *Airport Engineering* appears 18 years after its predecessor and in the interim very big and far-reaching changes have occurred in civil aviation. Security has been dramatically and irrecoverably tightened

throughout the world, especially in the United States, since the 9/11 terrorist atrocities. Passenger facilitation has been revolutionized with the introduction of almost universal electronic ticketing and check-in procedures. The introduction of the Airbus A380 has heralded the arrival of the New Large Aircraft. The information technology (IT) revolution has profound influence on air travel and the transport industry. The widespread usage of the Internet has also permitted the rapid and broad publication of standard and recommended practices by the FAA and other regulatory bodies. The nature of civil aviation itself has changed with the evolution and proliferation of the low-cost carriers and growth of this market. Moreover, air freight has grown considerably and now has a significant proportion of its traffic carried by the door to door service of the integrated carriers. The general availability of desktop computers and low-cost software allows designers and operators to use computerized techniques (modeling, simulation, geographic information systems (GIS), ...) as a day-to-day tool of airport design and operation. In the area of the envi-



ronmental impact of aviation, the new aircrafts are an order-of-magnitude quieter than their predecessors. The importance of noise impact has decreased as the industry faces increased scrutiny and regulations in areas of water and pollution, carbon footprint, renewable energy, and sustainable development. In this edition, the authors have addressed these changes and have restructured the shape of the text to reflect conditions as they are a decade into the twenty-first century.

All chapters have been updated to 2010 standards and practices to reflect industry structure, operational and market practices, and modern technologies.

**Airport Engineering**  
**Planning, Design and Development**  
**of 21st Century Airports, 4th Edition**

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**Paul H. Wright**

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