

Table of contents

- **Preface**
- **Acknowledgements**
- **Contributors**
- **The Integrated Building Design Process**
- **A History of the Environmental Movements**
- **Modern International Conferences and Treaties**
- **The Emergence of Green Building and Green Building Legislation**
- **Sources of Chemicals in the Environment**
- **Environmental Chemicals in Humans and Buildings**
- **Indoor Air Quality Technologies--Green Design for Long-Term Occupant Health**
- **Indoor Environmental Quality Issues**
- **Introduction to Energy Issues: Use and Standards**
- **Basic Physical Principles of Energy Transfer and Storage**
- **Energy-Efficient Building Design: Residential and Small Commercial Buildings**
- **Energy-Efficient Building Design: Nonresidential Buildings**
- **Resource Efficiency and Resource Use in Buildings**
- **Materials Selection and Product Certification**
- **Water Quality and Water Conservation**
- **Sustainable Neighborhoods and Communities**
- **Case Studies**
- **Rating Systems and Practice Tools**
- **Life Cycle Assessment**
- **Waste Impacts in the Building Industry**
- **Conclusion**
- **Glossary**
- **Bibliography**
- **Appendices**
- **A Selected Green Buildings**
- **B Alternative Construction Types**
- **C The State of Our Health in Buildings**
- **Construction and Demolition Waste Management**