



# A brief company presentation

July 2017



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# The Company

Lithos is a Greek word which means **stone**, as this is the basic material for structures from the ancient years.

Lithos Consulting Engineers is a company founded in Greece, specialized in structural design and engineering consulting. The company founded at 1997 and has undertaken many national and international projects from both private and public sector.

Our services cover **all stages** of a project including Inception, Design, Construction and Post-Construction phase.

The main services that are provided by our company are:

- Advanced Structural Design Services
- Structural Assessment & Upgrading of existing structures
- Quality Control of Materials
- Consulting Services on special issues
- Project and Design Management
- Research & Development

# The company

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## Our Philosophy

Our philosophy is the high quality of services and the responsible treatment of our customers.

The company invests continuously in innovative ideas and applications related to our subjects.

## Quality Assurance

The quality assurance is a priority for us, for this reason our company has developed and maintains ISO9001: 2001, Quality Management System.

## Liability Insurance

All the design works that are carried out by our company are covered by a liability insurance.

# The company

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## Our people

The human resources of our company consists of engineers with high expertise in structural engineering.

## Premises

The company has its own premises fully equipped fully equipped and we use the most advanced software packages sailer and measuring equipment.

## Software

The company has its own premises fully equipped fully equipped and we use the most advanced software packages sailer and measuring equipment.

# Analysis & Design of Buildings

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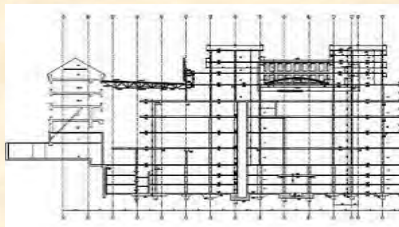
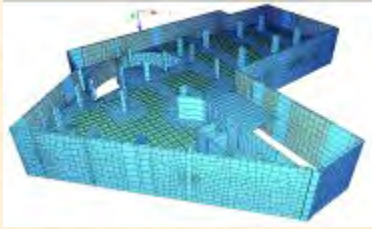
## Objectives

- Reinforced concrete & steel buildings
- Seismic, wind and geotechnical nonlinear and time-history analysis

## Indicative types of Structures

- Precast, post-tensioned and prestressed concrete structures
- Underground cut-and-cover and top-down constructions
- Underground Car parks

# Analysis & Design of Buildings



# Analysis & Design of Complex Structures

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## Objectives

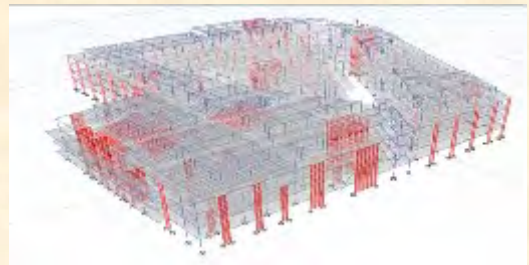
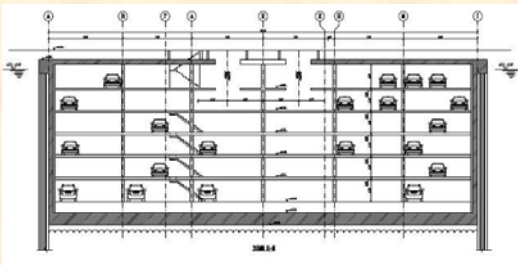
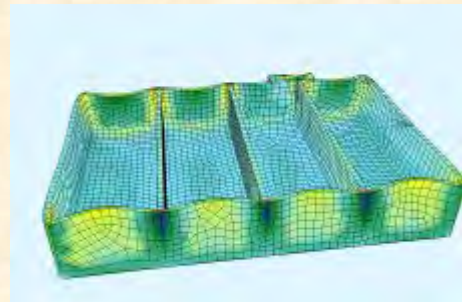
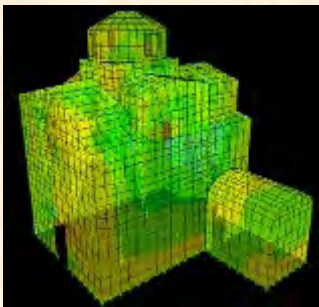
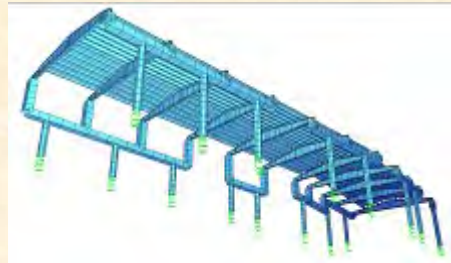
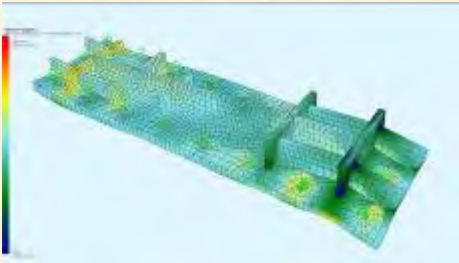
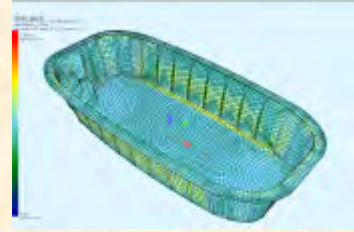
- Reinforced concrete & steel buildings
- Concrete and steel bridges
- Seismic, wind and geotechnical nonlinear and time-history analysis

## Indicative types of Structures

- Precast, post-tensioned and prestressed concrete structures
- Underground cut-and-cover and top-down constructions



# Analysis & Design of Complex Structures



# Analysis & Design of Existing Structures

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## Objectives

- Assessment of existing structures
- Strengthening, repair and rehabilitation of existing structures
- Upgrading of existing structures

## Indicative types of Structures

- Monumental structures
- Restoration of Listed buildings

# Analysis & Design of Existing Structures



# Materials & Structures

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## Quality of Materials

QoM is being carried out by using modern equipment in order to provide reliable information the process of acquiring the state of health of a structures.



## Structural Health Monitoring

SHM is the process of acquiring the state of health of a structure by using a wide range of instrumentation and NDT techniques, in order to improve the safety and reliability of struc-

## Project and Design Management

- Project Organization
- Time Control
- Supervision and Coordination
- Reporting charts
- Project Communication



## Contact Us

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