

DETAIL DESIGN IN HARSH CLIMATES

ITU / FACULTY OF ARCHITECTURE
STUDENT WORKS OF BUILDING ELEMENT DESIGN COURSE
2014-2015

ANTARCTICA

EXHIBITION



TURKISH GOVERNMENT HAS COMMISSIONED
BUILDING ELEMENT DESIGN STUDENTS TO DESIGN
A RESEARCH STATION...

... FOR THE FIRST GROUP OF TURKISH SCIENTIST, TO BE BUILT IN ONE OF
THE COLDEST AND MOST ARID REGIONS ON EARTH; THE ANTARCTICA.
THE RESEARCH STATION IS TO BE USED BY 7 SCIENTIST DURING THE FIRST SUMMER
AND FOR THE FOLLOWING YEARS, THE NUMBER IS EXPECTED TO BE 25 IN SUMMER AND 13 IN WINTER.
THE STATION DEMANDS A MOVEABLE SYSTEM DESIGN DUE TO THE DIFFICULTIES OF
IN-SITU CONSTRUCTION IN THE REGION, WITH REGIONAL RESTRAINTS AND
LONG TERM IMPACTS IN MIND, THE RESEARCH STATION IS REQUIRED TO HAVE A SUSTAINABLE
APPROACH WITH MINIMUM TO ZERO ENERGY USAGE AND CARBON FOOTPRINT.

DECEMBER 20-30 | 2016 [16:00]
TASKISLA BUILDING GROUND FLOOR
NORTHEASTERN CORRIDOR

FATIH YAZICIOGLU
MERİÇ ALTINTAS