International Workshop on Evaluation of Historical Landscapes & Cultural Heritages for the Historic Urban Landscape of Edirne

Edirne, Turkey 21 to 24 May 2014
While significant the value of historical landscapes, landmarks and cultural assets have been well studied for years without dispute in many countries, a strategic action plan can establish a path to preserve and integrate these heritage assets with 21st century cities.

This workshop is organized to begin the process of revitalizing Edirne’s valued heritage assets while applying best practices.
EHLA 2014 Edirne HUL Workshop Team
Workshop Brainstorming Rules

Greater the context and scale of thoughts, greater the success of sustainability!

50 Contexts & Scales of the Practice
Interdisciplinary

All areas of concerns from all four basic cluster of disciplines contribute equally towards a symmetrical three dimensional element (product, knowledge, skills and abilities, etc.) with the fourth dimensional element (the time) dynamics.
EHLA Workshop Report

- Introduction & Purpose
- Edirne History Summary
- UNESCO Historic Urban Landscape (HUL)
- HUL Applied to Edirne
  1. City, World Heritage, Territory
  2. Heritage Assets
  3. Transportation Equity
  4. Green Infrastructure
- Workshop Conclusion
Edirne - Çanli
A Vital Future for a Heritage City

- Heritage is a Driver & Enabler of Prosperity & Vitality
- Workshop Identified Edirne Assets
  - Manageable Size- 160,000 people, moderate growth
  - Three Rivers
  - Strong Agricultural Economy
  - Rich Cultural Heritage
  - Diverse Natural Heritage
  - Cohesive Neighborhoods
  - Deep Traditions
Edirne Evolution 2nd to 19th Centuries
36 to 750 Hectares, Historian Paper

By the end of 2nd century around 36 hectare

At the beginning of 14th century around 100 hectare

By the end of 15th century around 350 hectare

By the end of 17th century around 850 hectare

By the end of 19th century around 750 hectare
Districts of Edirne Today

Today 160,000 inhabitants, 24 districts, 10 bridges
Edirne – Çanlı
Deep History of Layers

- Edirne Historical & Urban Evolution
- Urban Landscape In Edirne ‘Past- Present’
  - Traditional Houses & Gardens
  - Urban Images
  - Gardens of Historical Building
  - River Sıdes
  - Townscape
  - Urban Silhouette
  - Transportation
  - Traditions

- Urban Landscape In Edirne Opportunities

Examples- Almond, Oil Wrestling, Historic Bridge, Edirnekarî Painting, Kakava Festival
Edirne World Heritage Site - Selimiye Mosque & Social Complex

Address UNESCO World Heritage Recommendations
The Historic urban landscape is the urban area understood as a result of a historic layering of cultural and natural values and attributes, extending beyond the notion of historic center or ensemble to include the broader urban context and setting.

UNESCO Recommendation on the Historic Urban Landscapes Nov 2011

- Integrated planning for city and territory
- Holistic perspective
21st Century Urban Dwellers Worldwide

- Global urban population 50%+ results in uncontrolled growth
- Projection of 75% world population in cities by 2030
- Universal desire for healthful, vital urban environments largely unmet
- City population decline & devastating losses of urban fabric and heritage
- Socio-economic transformations & functional changes questioning values
- Climate change, environmental disasters, impacts of armed conflict
- Degrading impacts of infrastructure, transportation upgrades
- Global competition for economic growth and tourism income
- Development pressures, starchitecture, city branding
- Appropriation of urban heritage for corporate gain
Global Trends & Historic Urban Landscapes

- Sustainability with Culture Umbrella
- Culture- Nature Continuum
- Health, Food, Agriculture
- Urban Dwellers, 75% by 2030, Informal Housing
- Earth Justice, Public Space Quality
- Urban Green Practices Ecology, Habitat, Water
- Resilience, Climate Change, Disasters, Conflicts
- Livability, Mobility, Heritage, Tourism & Experience Economy
HUL Integration of Culture & Sustainability

Culture

Environment

Sustainability

Economy

Society
Tools to Address Continuity & Change in the Historic Urban Landscape

1. Civic Engagement Tools
2. Knowledge and Planning Tools
3. Regulatory Systems
4. Financial Tools
1 HUL Civic Engagement Tools

Flower Sellers, Jaipur, India

- Accessible, multi-platform urban planning vision processes
- Public forums about aspects of the urban future
- Web based local heritage outreach and education
- Urban heritage issues web exchange blogs, chat rooms
- Planning charrette with open dialogue
- Documentation projects, oral interviews and videos
- Community heritage stewardship skill development workshops
2 HUL Knowledge and Planning Tools

- Documentation of tangible & intangible community heritage
- Urban viewscape mapping for building envelope height and location
- Planning for conservation of natural & cultural resources
- Targeted urban preservation, management and tourism plans
- Green infrastructure knowledge applied with heritage considered
- Plans for shared public heritage of streets, public facilities, parks,

Holistic planning and design processes that incorporate - heritage, economy, sustainability
3 HUL Regulatory Systems incorporating Heritage

- Traditional management, observing ancestral beliefs (Rice Terraces)
- Zoning ordinance underpinned by urban heritage database
- Urban viewscape controls (Edinburgh)
- Conservation easement law
- Historic district commission law
- Legislated climate change targets
- Tree protection ordinance
- Multi-purpose overlay districts, for economy, heritage, aesthetics
- Legislation specifically addressing urban heritage stewardship/management
### Agri - cultural Heritage Linked to Communities

**Rice Terraces, Philippines Cordilleras**

- **Agricultural Heritage Systems, Evolved Over Millennia**
- **A Global Inheritance to Preserve & Continue to Evolve**
- **Philippines Rice Terraces Village Life, Traditions & Ancestral Beliefs**
- **Issues- Loss of Farmers, Traditional Practices & Food Security**
- **Trend toward small intensive farming in urban and peri-urban areas**

*The HUL Approach applies to urban settlements of all types and scales and there daily context of interrelated territory*
4 HUL Financial Tool Examples

- Public Capital Improvements - Current ARRA Funding National Mall Project
- Private Public Partnership targeted funding for Urban Heritage
- Heritage Property Donation, Purchase, Conservation Easements, TDR, etc.
- Revolving Loan Funds addressing Historic Structures
- Grant Programs for Urban Intangible and Tangible Heritage Actions
- Taxation Laws Favoring Preservation Investments
- Private Building and Property Maintenance
- Ongoing Public Maintenance Staffing & Budgets

USA National Mall, Washington DC
Inclusive Urban Revitalization Guidelines for Indian Heritage Cities - World Bank Social Sector

Components of Inclusive Plan for Sustainable Heritage City & Region

- Document & Support Intangible Heritage Assets
- Preserve & Adapt Tangible Heritage Assets
- Improve Local Ecology & Natural Resources
- Improve Multi-modal Transportation Systems
- Foster Economic Vitality
- Alleviate Poverty
- Upgrade Utility & Data Transfer Systems
- Increase Resilience to Climate Change
- Upgrade Clean Water Supply
- Upgrade Sewer Waste System
- Improve Stormwater Management
- Provide Pilgrim & Tourist Facilities

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Steps for Inclusive Urban Revitalization for Indian Heritage Cities

1. Build the Heritage Team & Heritage City Documents Database
2. Engage Community to Form Inclusive Stakeholders Group, and Inventory and Establish Value of Heritage Assets with Community Input
3. Shape and Update the City Vision with Integrated Heritage Assets
4. Develop Inclusive Urban Revitalization Investments
5. Implement Heritage City Vision Plan, Sequence Next Projects, Review & Revise the Process
HUL for Edirne Workshop Team

Michael Turner
Patricia O’Donnell
Fahriye Esbas
Negdet Artunc

Gizem Kumasoglu
Neseli Gulsah Gunay
Tugba Dikmen
Zeynep Sarigoz

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Prehistory — dolman
Roman — bridges
Byzantine —
Ottoman — mosques
— bazaars
— palaces
— vernacular architecture
— saril

TIME

Professor Michael Turner
UNESCO Chair in Urban Design and Conservation Studies
Bezalel Academy of Arts and Design, Jerusalem
PLACE

1. River > X3 floodplain "sponge" BRIDGE

minority birds

2. andrianiopole

3. sianar

4. 53 mosques

5. creative city media

6. university
Edirne & UNESCO Historic Urban Landscape

A  Selimiye Mosque
B  Old City
1  Menzilahir Neighborhood
2  Cavusbey Neighborhood
3  Talatpasa Neighborhood
4  Station Neighborhood
5  Beyazid II Mosque & Medical Complex

Uplift Neighborhoods, locate areas for future growth, to reduce pressure on Areas A and B
Edirne Territory of Influence for HUL

Regional context of

- 3 Rivers
- 3 Countries
- Supported local agriculture for food security
- Concentrated economic activities
- Guided urban growth for quality of environment
- Enhanced quality of life
- Community harmony
Edirne Old City- Rare Concentration of Historic Buildings
HUL Example- Menzilahir Neighborhood

Typical narrow street with all uses- pedestrian, bicycle, vehicle, dance, wedding, daily life
View of Menzilahir Neighborhood - Building heights increasing
Simple First Steps - Clean up, Plant & Care for Green Space, Make Path
Develop Menzilahir Neighborhood Project -
- Restore Fountain with Local People
- Structure & water flow
- Provide Curb Edge
- Appoint Caretaker
Menzilahir Neighborhood - Enhance Community Ownership & Pride in Shared Landscape, Control Growth, Improve Sanitation, Add Open Space and Public Plantings
HUL approach- CULTURE as a sustainable development driver and enabler

What we seek is continuity of historic urban identity and values as daily life, social and economic activity proceeds and environmental quality is secured in historic settlements of all types. HUL Mainstreaming brings heritage to the future. What is good for the people who live in Edirne will also attract tourists.

One Edirne Workshop Objective:
Define Initial Steps for HUL Mainstreaming - Here and Now!
Heritage Assets – VIEWS

Visual Relationships for the Historic Urban Landscape of Edirne
Heritage Asset Team

Gregory De Vries
Mükerrem Arslan
Bilge Ar
Nurçin Çelik
Zuhal K.Elinç
Ulvi Erhan Erol
Elmas Erdoğan
Zerrin İnan
Parisa Aliasghhari Khabbazi
Sibel Kıyak
What is a Heritage Asset?

- **Material or Tangible**
  Things

- **Immaterial or Intangible**
  Traditions or Processes

- Heritage has values
  Aesthetic, historic, scientific, social, spiritual, etc.

- Heritage contributes to a sense of place for a group, it is shared
Material Heritage Assets in Landscapes

- Natural Systems, Soils, Hydrology, and Topography
- Land Uses, Spatial Organization, **Views and Visual Relationships**
- Vegetation – street trees, park plants, urban gardens and forests
- Circulation and Transportation Systems
- Water Features - natural and constructed
- Buildings - mass, scale, form, and details
- Structures - bridges, walls, towers, and tunnels
- Site Furnishings, Urban Art, Sculpture, Objects, Lighting, etc.
Immaterial Heritage Assets in Landscapes

- Traditional festivals, music, dance, sports
- Worship, pilgrimage, rituals, call to prayer
- Iconic places, symbols that embody the shared identity
- Places of memory signifying important events
- Agricultural practices in and around the city
- Regional and local cuisine, everyday foods
- Traditional arts and crafts, materials and sources

Great Tourist Interest!
What is a Heritage Asset Inventory?

- Baseline documentation of Edirne without predetermining what is important or valuable
- A descriptive list and map of heritage

WHY DO AN INVENTORY?

- Shows interconnections and patterns
- Identifies areas with different characters
- Identifies contributions to a Sense of Place
- Targets preservation opportunities and options

<table>
<thead>
<tr>
<th>Identification</th>
<th>Name - current and other past names</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location</td>
<td>address, neighborhood, streets that define area margins</td>
</tr>
<tr>
<td>Property</td>
<td>lot plat number, boundary, map, cadastral ID</td>
</tr>
<tr>
<td>Owner/Guardian</td>
<td>name and contact</td>
</tr>
<tr>
<td>Description</td>
<td>description of asset, with photographs showing asset designer/builder/style dates of original construction and renovations</td>
</tr>
<tr>
<td>Condition</td>
<td>excellent-good-fair-poor-very poor</td>
</tr>
<tr>
<td>Original Use</td>
<td>cultural, recreational, urban services, residential, commercial, office, production</td>
</tr>
<tr>
<td>Current Use</td>
<td>cultural, recreational, urban services, residential, commercial, office, production</td>
</tr>
<tr>
<td>Value</td>
<td>authentic, historic, aesthetic, scientific, spiritual, symbolic, other</td>
</tr>
<tr>
<td>Local Relevance</td>
<td>related stakeholders and other aspects that are relevant</td>
</tr>
<tr>
<td>Adjacent Uses</td>
<td>land uses, adjacency opportunities or issues</td>
</tr>
<tr>
<td>Assessment</td>
<td>relevant comments and opinions of the heritage team to add detail to the listing</td>
</tr>
</tbody>
</table>
What is a Heritage Asset?

- Shows interconnections and overlaps, patterns and flows
- Identifies parts that create a Sense of Place
- Allows identification of areas with different characters - Landscape Character Areas
- Helps target preservation opportunities and options
- Quantifies and qualifies the uniqueness of Place
  - Enriches lives of both residents and visitors
  - Creates authenticity in the Experience Economy
Visual Relationships - Methodology

- Entry views to Edirne from primary approaches – Residents, Visitors and Tourists
  - Cultural Resources, Natural Resources, and Modern Elements

- Visual character at community interface with the Selimiyie Mosque Complex
  - 4 teams study streetscape character at margin of the mosque
  - Spatial organization, vegetation, circulation, lighting and other furnishings, use, and feeling of transition
Views to Edirne

1. Istanbul Road
2. Gazimihal Bridge
3. Kapıkule – Yıldırım
4. Kıyık Approach
5. Karaağaç
6. South of the Train Station
Istanbul Road – view from east

- Determine when heritage takes becomes dominant
- Reveal the view
- Create height restrictions for buildings
- Limit number of locations for billboards
- Plant street trees to calm traffic at the University
- Reveal city at a designated point
Kapıkule – Yıldırım – view from west

Current View from Gazimihal Bridge
Preserve high value views near Gazimihal Bridge
Open fields, productive agriculture
Kıyık Approach – view from north

- Arrange the traffic signs for views as well as safety
- Understand when street decorations disturb views or if they enhance urban identity
- Consider street lighting elements in unity with the lighting of the historic core or as distinctive for the neighborhood
Karaağaç – view from south

Karaağaç end of Meriç Bridge, broad view of Selimeye Mosque
Karaağaç – view from south

- Allow pedestrian, cyclist and phaeton use
- Direct new international bicycle routes
- Prohibit motor vehicle transport over historical bridges
Karaağaç – view from south

- Clear the square from car park function
- Encourage bicycle use
- Realise UNESCO bicycle route project binding city center to Karaağaç district

Cars parked around the square at Karaağaç end of Meriç bridge

Coexisting old and new transport systems.
Fields South of the Train Station

Slope rising towards Kıyık entrance to the city

Selimiye Mosque

Antennas on high ground
Distant View Recommendations

- Distant views convey city identity to residents and visitors.
- Distant views present the Edirne in context to the natural setting.

- Edirne has largely preserved its visual character – important elements remain dominant.
- Changes in recent decades are quickly altering the appearance of the city from afar.

- Place controls on billboard and streetscape elements.
- Enact building height restrictions considering distant views.
- Require viewshed studies for future projects.
4 Selected Selimiye Mosque Interface Areas
Potentials / Issues

- Commercial function
- Outside of protection plan
- Contemporary single storey buildings of low quality
- Conflicting contemporary structures with Selimiye complex.
- Road bordered with unhealthy and unqualified commercial buildings.
- Chaotic environment (chaotic traffic and pedestrian circulation).

Opportunity

- Expand visual buffers through planting and improving community streets
Area 2 East of Mosque Complex
Area 2

Potentials / Issues

- Official buildings in good condition dominate
- Large scale modern buildings.
- Wide green spaces and public park.
- Trees buffer visual contact with Selimiye mosque.
- Electrical poles and lighting posts spoil silhouette of the complex and make visual pollution.

Suggestions

- Preserve the few small neighborhood views
- Enhance residential neighborhood character
- Use trees to buffer dischordent areas
- Rehabilitate small parcels in poor condition and join them to the urban structure.
Area 2 Community Views
Area 3 Northwest of Mosque

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Area 3

Great Potential
- Traditional settlement
- Ottoman street pattern
- Small scale texture preserved
- Original building height generally preserved
- Function of the neighborhood almost completely preserved
- 34 registered examples of vernacular architecture
- Infrastructure solved
- Many surprise vista points

Suggestions for Preservation
- Maintain scale of buildings
- Improve low quality housing in contemporary additions.
- Restore and refunction registered buildings that are in poor condition.
- Resolve area parking and access
- Avoid big gaps in small scale texture
- Design lighting and infrastructure elements and pavements in unity.
- Return the neighborhood feeling - provide unity in façades and continuity in pavements.
Area 3

Create architectural walking route with historic streetscape character, registered buildings, and monuments
Area 4 West of Mosque Complex
Area 4

- Traditional commercial area
- Monumental Ottoman trade buildings preserved with original function
- Vibrant and crowded with people, cars, ambulances, etc.
- Public open spaces and sitting structures along the London Street.
- Military barracks divide the area
Area 4

- Maintain urban life with cafeterias, etc. located along the street demonstrate a vibrant city core

- Plan for harmonious streetscape details. Gradually replace incompatible and discordant streetscape elements:
  - Decorative pools
  - Pavement
  - Light poles
  - Planting
RECOMMENDATIONS FOR CORE STREETSCAPES

PLANTING DESIGN

 Select appropriate plant species for ecological condition of Edirne.
 Improve living conditions and maintenance of trees and avoid competing with the Selimiye silhouette (Mostly groundcovers, middle size trees).
 Observe public safety, health and welfare with planting design.
 Provide sufficient protection for monumental trees and highlight monumental trees in the historical area.
 Avoid stress conditions around plant materials.
RECOMMENDATIONS FOR CORE STREETSCAPES

URBAN FURNITURE AND EQUIPMENT

- Respect the silhouette of Selimiye Mosque by downsizing commercial signage.
- Bring harmony and unity for street furnishing.
- Use paving in respect to context.
- Create unity in treatment for area identity (size, color, material, design)
Streetscapes

- Eliminate the dominance of military and governmental building by careful design interventions.
- Search for ways to eliminate utilitarian amenities (poles, antennas).
- Consider universal design for pavement.
- Consider context for siting of public art and amenities (fountains, sculptures).
- Consider street furnishing in harmony with heritage.
- Seek professional advice and guidance for future design and development decisions.
RECOMMENDATIONS FOR CORE STREETSCAPES

BUILDINGS

- Incorporate design considerations that respect to historical urban fabric in terms of height, material and architectural style.
- Avoid negative use of space by services that may find more appropriate siting.
- Insist in protection of harmony (colors and façade).
- Prevent commercialized intrusion and use of public open spaces.
- Enhance the quality and increase recreational use of public open spaces.
Edirne Cultural Patrimony Route

Via Militaris
Ambassadors Route
Sultan’s Trail
Edirne Cultural Patrimony Route

Simulated overlook

- Create simple areas viewing Edirne
- Interpret and celebrate cultural and natural heritage
- Design wayfinding that relates to the heritage values of Edirne

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Kapıkule

- Close up view from potential vista point
- Mosques still dominate the skyline from afar
- City is embraced by surrounding fields, forests, and river
View of the bridge between the Yildirim district and the historic city core during construction. Visual obstacles should be reconsidered.
View of the bridge between the Yildirim district and the historic city core during construction. Visual obstacles should be reconsidered.
- Reorganize landscape features to improve access for all
- Present a clear city identity from the riverside to the historic core
Transportation Equity Team

- Robert Holden, Landscape Architect
- Osman Zeybek, Research Assistant
- Jim Donovan, FASLA, Landscape Architect
- Melis Guneş L. A. Student
Good Transportation

Transportation for All Ages & Abilities – Creating a good transportation system for the community will also create a good transportation system for visitors and tourists.
Transportation Hierarchy

The existing natural order of transportation modes in most cities:
1. Drivers
2. Bus Riders
3. Bicyclists
4. Other Things
5. Walkers
The desirable natural order of transportation modes in most cities:
1. Walkers (everyone walks)
2. Bicyclists
3. Bus Riders
4. Train Travelers
5. Drivers
## Good Transportation Systems Around the World

<table>
<thead>
<tr>
<th>Quality</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connected</td>
<td>Modes work together – Easy change from mode to mode</td>
</tr>
<tr>
<td>Complete</td>
<td>No gaps for users</td>
</tr>
<tr>
<td>Direct</td>
<td>Shortest distance between two points</td>
</tr>
<tr>
<td>Easy &amp; Obvious</td>
<td>Simple to comprehend - Easy to use</td>
</tr>
<tr>
<td>Safe &amp; Secure</td>
<td>Convey security &amp; Safe to use</td>
</tr>
<tr>
<td>Non-Competitive</td>
<td>Transportation not a sport! - Compatibility</td>
</tr>
<tr>
<td>Inviting</td>
<td>Attracts users</td>
</tr>
</tbody>
</table>
Purpose

- To review transportation in Edirne and identify opportunities for development and improvement;
- To improve the efficiency of the present system and
- To promote future development that enhances Edirne’s streets, open spaces and greenways - so people can move more easily and safely
Methodology

- **Observations**
  - Sample areas around the City
  - Sample facility types
  - Materials
  - Connections

- **Interviews**
  - Mr. Dinçer Asar
  - Mr. Erdal Uygun, Director of Transport at ETUS
  - Mr. Ahmet Yildirimli of Turkish Railways TCDD

- **Group Analysis & Discussion**

- **Focus on Walkers, Bicyclers & Bus Riders**
### Current Transportation Opportunities

#### Current Walking Opportunity
- Existing, successful Pedestrian Zones
- Improved pedestrian sidewalks and paths

#### Current Bicycling Opportunities
- Bicycling accepted as a form of transportation for everyone
- Local support for expanding the bicycling system of facilities.
- Existing bicycling facilities
- Current Eurovelo Festival

#### Current Busing Opportunities
- Existing long term bus planning
- Light rail considerations
- Bus is popular (= overcrowding) Build on popularity
- Excellent Ridership data
- Cameras on busses / Safe busses
Existing Bus Routes
Pedestrian Zones
<table>
<thead>
<tr>
<th>Opportunity Enhancement</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Current Walking Opportunity</strong></td>
</tr>
<tr>
<td>Existing, successful Pedestrian Zones</td>
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<td>Improved pedestrian sidewalks and paths</td>
</tr>
<tr>
<td><strong>Type</strong></td>
</tr>
<tr>
<td>M</td>
</tr>
<tr>
<td>M</td>
</tr>
</tbody>
</table>

| **Current Bicycling Opportunities** |
| Bicycling accepted as transportation |
| Local support for bicycling facilities |
| Existing bicycling facilities |
| Current Eurovelo Festival |
| **Type** | **Recommendation** |
| M | Develop PR campaign to promote bicycling |
| M | Create a bicycling coalition |
| M | Create a bicycling network |
| M | Develop more bicycling events |

| **Current Bussing Opportunities** |
| Existing long term bus planning |
| Excellent Ridership data |
| Cameras on busses / Safe busses |
| Light rail considerations |
| Bus is popular (= overcrowding) |
| **Type** | **Recommendation** |
| L | Develop a Transit Master Plan |
| M | Refine existing routes as needed |
| M | Continue current practices |
| L | Rapid Bus option |
| M | Add more busses |
| M | Add more bus routes |
| M | Encourage more bicycling |
| D | Add bike racks to busses |

L = Large-Scale; M = Mid-Scale; D = Detail
Current Transportation Deficiencies

**Current Walking Deficiencies**
- Lack of planning opportunities
- Incomplete walking system
- Dangerous walking conditions
- High pedestrian/auto crash areas
- Uninviting streetscapes
- Irregular Disabled Access

**Current Bicycling Deficiencies**
- Lack of Planning Opportunities
- Limited Facilities
- Poor Education
- Low number of bicyclists

**Current Bussing Deficiencies**
- Limited opportunities for full planning
- Uninviting bus stops
- Hours of operation from 7 AM to 11 PM
Dangerous Walking Conditions

Sidewalk ends at blind corner: walkers must walk into street without knowing if a vehicle is coming.
## Deficiency Corrections

### Current Walking Deficiencies

<table>
<thead>
<tr>
<th>Type</th>
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</tr>
</thead>
<tbody>
<tr>
<td>L</td>
<td>Develop Pedestrian Master Plan</td>
</tr>
<tr>
<td>L</td>
<td>Create full walking system</td>
</tr>
<tr>
<td>D</td>
<td>Correct dangerous situations</td>
</tr>
<tr>
<td>M</td>
<td>Instigate living streets program</td>
</tr>
<tr>
<td>D</td>
<td>Add crosswalks to Talatpaşa Asfalti</td>
</tr>
<tr>
<td>L</td>
<td>Develop Pedestrian Guidelines</td>
</tr>
<tr>
<td>D</td>
<td>Add universal access features</td>
</tr>
</tbody>
</table>

- Lack of planning opportunities
- Incomplete walking system
- Dangerous walking conditions
- High pedestrian/auto crash areas
- Uninviting streetscapes
- Irregular Disabled Access

### Current Bicycling Deficiencies

<table>
<thead>
<tr>
<th>Type</th>
<th>Recommendation</th>
</tr>
</thead>
<tbody>
<tr>
<td>L</td>
<td>Develop Bicycle Master Plan &amp; Guidelines</td>
</tr>
<tr>
<td>M</td>
<td>Identify origins &amp; destinations (Nodes)</td>
</tr>
<tr>
<td>M</td>
<td>Create new facilities</td>
</tr>
<tr>
<td>L</td>
<td>Develop &amp; implement bicycling education program</td>
</tr>
<tr>
<td>M</td>
<td>Create more bicycling events</td>
</tr>
<tr>
<td>M</td>
<td>Promote Eurovelo</td>
</tr>
</tbody>
</table>

- Lack of Planning Opportunities
- Limited Facilities
- Poor Education
- Low number of bicyclists

### Current Bussing Deficiencies

<table>
<thead>
<tr>
<th>Type</th>
<th>Recommendation</th>
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</thead>
<tbody>
<tr>
<td>L</td>
<td>Create a Transit Master Plan</td>
</tr>
<tr>
<td>L</td>
<td>Transit Guidelines</td>
</tr>
<tr>
<td>L</td>
<td>Expand hours of operation</td>
</tr>
<tr>
<td>M</td>
<td>Add more buses and/or routes</td>
</tr>
</tbody>
</table>

- Limited opportunities for full planning
- Uninviting bus stops
- Hours of operation from 7 AM to 11 PM
- Too Few Buses

*L = Large-Scale; M = Mid-Scale; D = Detail*
Primary Recommendation

Develop a Complete Transportation Master Plan to create an overall blueprint on how Edirne will create a transportation system for users of all ages and abilities.
Connecting Bicycling Nodes

University campuses
Hospitals
Shopping centres
Libraries
Tourist attractions
Living Streets for Edirne

Woonerven
Home Zones
Living Streets
Zone Résidentielle
Begegnungszone
Verkehrsberuhigter Bereich
Promote Eurovelo & Other Events

Eurovelo route 13 Black Sea-Edirne-Barents Sea- Kirkenes
Selimiye Mosque Area Example
Selimiye Mosque Area - Transportation

- Living streets in residential areas
- Cycle hire facilities
- Pedestrianized Mimar Sinan Cad.
- Shade street trees & wider sidewalks to main highways
- Pedestrian crossings on Talatpaşa Asfalti
Selimiye Mosque Area – Green Infra.

- Zero rainwater run-off; water for irrigation
- Rainwater harvesting along the streets
- Greenway Connections to Forest
- Comprehensive green infrastructure demonstration area
Selimiye Mosque Area Heritage Assets

Reinstate historic fountains, to represent Mimar Sinan’s water system

Street paving to recognize historical paving materials, e.g. Use of stone setts

Introduce comprehensive signage to interpret Edirne’s history

Selimiye Mosque to be central to the historic interpretation of Edirne
Possible Crossing for Talatpaşa Asfalti
Implementing Mobility Upgrades

- Create annual International student/professional charrette
- Provide several pedestrian links
- Add accessibility improvements
- Celebrate Eurovelo
- Add bike racks to busses
- Start one master plan
- Think about an airport nearby
Green Infrastructure Team
Team Members

**WATER**
Eric Tamulonis, Principal, Wallace Robert and Todd, USA  ejt@ph.wrtdesign.com
Ebru Ozer, Assistant Professor of Landscape Architecture, Florida International University  eozer@fiu.edu

Consultants:
Bahattin Yılmaz, National Waterworks Department, District 11 Planning Director bahattiny@dsi.gov.tr
Sunay Cigerci, City Infrastructures Director, Edirne Department of Infrastructures  Sunaycigerci@mynet.com
Dincer Asar, City Planning Director, Edirne Planning Department  imaredirne@gmail.com
Ayhan Ozer, Water and Sewage Manager, Edirne Water and Sewage Department  ayhanozeer@gmail.com
Ali Guzey, Sewage Manager, Edirne Water and Sewage Department  edirnesukanal@hotmail.com

**HERITAGE**
Ilter Buyukdogan, Professor Doctor, Maltepe University, ilterbh@gmail.com
Ilknur Kolay, Professor Doctor, Istanbul Technical University, kolay@itu.edu.tr
Sara Zolnoun, Phd Student, Ankara University, sara.zolnoun@gmail.com

**ECOLOGY AND VEGETATION**
Sultan Cobanoglu, Ankara University
Banu Bekci, Assistant Professor Doctor of Landscape Architecture, Bartin University  bekcibanu@hotmail.com
Canan Cengiz, Assistant Professor Doctor of Landscape Architecture, Bartin University  canan.kapuci@gmail.com
Nasim Shakouri, Phd Student, Ankara University, nasim.shakouri@gmail.com

**PARKS and OPEN SPACES**
Bülent Cengiz, Associate Professor Doctor  bulent_cengiz@yahoo.com
Banu ÖZTÜRK KURTASLAN, Assistant Professor Doctor, Selcuk University Department of Landscape Architecture  bkurtaslan@gmail.com
Ayşe KALAYCI, Research Assistant, Ege University Department of Landscape Architecture  ayserklyc@gmail.com
Emral MUTLU, Graduate student, Bartin University Department of Landscape Architecture  mutlu.emral@gmail.com

Consultants:
Mert TÜTÜN, Agricultural Engineer, Edirne Municipality Parks and Open Spaces Department  meritutun@yahoo.com
Şafak DERELİ, Forest Engineer, Edirne Municipality Parks and Open Spaces Department  safakdereli@gmail.com
Definition of Green Infrastructure

Systems that connect the natural and built environments and provide multiple benefits for people and ecosystems across multiple scales.

Characteristics of Green Infrastructure

Multi-functional      Resiliency
Connectivity          Identity
Habitability          Return on Investment
What is Green Infrastructure?

Anything that transmits or can absorb water!

• Rivers and Creeks: water surface and floodplains
• Wetlands
• Parks and Gardens
• Street Trees
• Green Roofs
• City Water Systems: (Potable, Rain, Sewage)
Green Infrastructure is Multi-scaled

REGION

MUNICIPALITIES

SITES & NEIGHBORHOODS
Edirne’s green infrastructure is a key to linking its past and future.
Methodology

- Compile Maps and Data
- Visit Sites in Field
- Consult with City officials
- Collaborate and iterative group work
- Consider city and territory improvements to uplift local people and attract visitors and tourists
Three Big Moves

- **Blue Corridor**
- **Green Belt**
- **Red Riverfront Revitalization**
Green Infrastructure Opportunities

1. Add wetlands around the river

2. Plan Meric River as an ecological corridor

3. Focus and enlarge urban forests as ecological patches suppress invasive species
Green Infrastructure Opportunities

- Enhance open spaces inside city
- Restore existing structures provide data for water supply line
- Foster connected natural resources (River, Habitats and etc.)
- Support local agricultural using ecological methods
Green Infrastructure Opportunities

1. Recognize positive presence of campus area as an open space.

2. See strength in governing bodies' openness to new ideas and improvement.

3. Reinforce diversity of land cover by conserving and augmenting.
Green Infrastructure Opportunities

- Improve water storage and treatment functions of urban forests and other green areas
- Recognize three rivers, groundwater and nearby dams as valuable water resources
- Enhance all components of current stormwater management system (underground collection network, pumps, levees)
Green Infrastructure Problems

- Mitigate flood risk consider more wetlands
- Insufficient green areas and corridors in the city
- Disconnection between urban green areas and riverside
- Pressure of increased urbanization
Green Infrastructure Problems

- Impervious surfaces

- Untreated stormwater and sewage discharge into the rivers

- Historic water system is partially invisible, below the ground
Green Infrastructure Problems

- Railway and highway forms barrier between the historical city pattern and the riverside.
- Private properties along the riverside usurp public access.
- Fragmented open and green area patterns fail to support strong habitats.
Green Infrastructure Recommendations

- Connect to the River
Green Infrastructure Recommendations

- Create an integrated green network
Green Infrastructure Recommendations

- Revitalize river edge communities
Green Infrastructure Recommendations

• Highlight Ottoman water heritage

Ayse Kadin Fountain

Sokollu Bath
Green Infrastructure Recommendations

- Preserve natural heritage
Green Infrastructure Recommendations

• Support and increase urban and peri-urban agriculture
Two Integrated GI Example Projects:

- Green Bridges and Underpasses
- River to Ridge Link
Green Bridges and Underpasses
Example: River to Ridge Green Link

As part of the proposed city wide green belt, create a new green corridor to serve the eastern neighborhoods, 1. Murat and Sukrupasa.

Create a strong link from the river to the green way, using the existing parks as stepping stones along a series of green streets that infiltrate stormwater and provide urban habitat.
Example: River to Ridge Green Link

Enhance Station neighborhood growth area
Example: River to Ridge Green Link

Sukrupasa Monument

Edirne Train Station neighborhood

Meric River
Managing Edirne’s World Heritage Site and Protective Buffer Zone- Address WH Recommendations

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4. Recommends that the State Party give consideration to the following:
   a) Submit the urban design proposal for large green space immediately to the south-west of the complex
   b) Give specific attention to the overall coordination between the Urban Conservation Plan (vision master plan) and WH site
   c) Reinforce cooperation between Wakf - local - governmental agencies
   d) Include traditional systems of conservation and management
   e) Develop a risk preparedness resilience strategy
   f) Undertake historic landscape research to reinstate appropriate mosque garden and courtyards
   g) Further develop tourist facilities and interpretation,
   h) Give specific attention to height restrictions in the buffer zone.
To facilitate implementation, the UNESCO General Conference recommended that Member States take the appropriate steps to:

- adapt HUL to specific cities and territories
- disseminate widely across national territories
- facilitate implementation through formulation and adoption of supporting policies
- monitor and share results on the conservation and management of historic cities

**Strong Potential for Edirne as a HUL Pilot City!**

**Who will be the champion?**
HUL broadens the framework for our global commonwealth of urban heritage, through recognition that tangible and intangible heritage is valued for differing reasons and motivations by residents, tourists, politicians, employers, municipal governments, developers and the preservation community.

HUL approach is collaboration for all urban heritage, capacity building, research, information, communication & action.

Stewardship of urban heritage as a shared integrative undertaking, affirms that diverse heritage is a sustainable element of our common future.
Edirne & UNESCO Historic Urban Landscape

A  Selimiye Mosque
B  Old City
1  Menzilahir Neighborhood
2  Cavusbey Neighborhood
3  Talatpasa Neighborhood
4  Station Neighborhood
5  Beyazid II Mosque & Medical Complex

Choose theme to focus-
Works of Sinan, Cities of Hadrian, Migratory flyways, Ottoman Hydrology, Green City, Creative City, etc.
HUL Integration of Culture & Sustainability
Every Action is Part of the Whole

Culture

Environment

Sustainability

Economy

Society
Edirne for All Time- What is required?

- Develop Shared Vision
- Commit to good governance administration
- Identify leaders who will champion this work
- Collaborate and cooperate at all levels
- Breakdown interagency silos and isolation
- Engage community at all levels
- Carry out comprehensive heritage inventory
- Generate effective comprehensive plans
- Carry out pilot projects and initiatives
- Integrate all undertakings for combined effect
- Stick with it! Build success, check performance, improve practice
Edirne needs an integrated vision and comprehensive plan addressing the aspirations of people and place by managing the values of the city, based on UNESCO HUL, responding to the recommendations WH Committee; reinforcing community and livability; improving mobility; enhancing environment; and uplifting economy. Begin with minimum efforts for maximum effect. 

*This integrated vision and plan will build a vital future for Edirne, on a foundation of sustainable heritage for all the generations.*