

السيد العميد المحترم

م/ تقرير ايفاد

تحية طيبة

اشارة الى الاوامر الادارية المرقمة (١٨٢٥/ع ق بتاريخ ٢٥/٩/٢٠١٢) و (١٨٥١/ع ق بتاريخ ٢٧/٩/٢٠١٢) نرفق لكم طيا تقرير ايفادنا الى المؤتمر الموسوم ( **Rapid Urban Growth and Opportunities for Sustainable Development** ) والذي عقد في جامعة دهاوك بالتعاون مع جامعة (Dortmund) للفترة من ( ٣٠ ايلول لغاية ٣ تشرين الاول) ٢٠١٢ مع التقدير .

أ.د. سناء ساطع عباس

أ.م.د. وحدة شكر محمود

أ.م.د. انوار صبحي رمضان

م.د. سحر هلال الدجيلي

م.د. صفاء الدين حسين

**المرفقات :**

- شهادة مشاركة أ.د. سناء ساطع عباس
- شهادة مشاركة أ.م.د. وحدة شكر الحنكاوي
- شهادة مشاركة أ.م.د. انوار صبحي رمضان
- شهادة مشاركة م.د. سحر هلال الدجيلي
- شهادة مشاركة م.د. صفاء الدين حسين
- شهادة مشاركة م.د. رواء فوزي نعيم
- برنامج المؤتمر

- السفر الى محافظة دهوك بتاريخ ٢٩ / ١٠ / ٢٠١٢

# ١- اليوم الاول ٣٠ ايلول ٢٠١٢ : تضمن الاتي:

التسجيل.	٩:٣٠-٩:٠٠
كلمة السيد وزير التعليم العالي والسيد رئيس جامعة دهوك و السيد عميد كلية الهندسة	٩:٣٠-١٠:٣٠
استراحة	١٠:٣٠-١١:٠٠
ثلاث محاضرات رئيسية تضمنت <b>الاولى</b> التعريف بتحديات النمو الحضري والايكولوجيا وتنمية البنى التحتية المستدامة في حين طرحت <b>المحاضرة الثانية</b> مفهوم التحديات الحضرية و التخطيط الحضري وتطبيقاته في اقليم كردستان والعراق اما <b>الثالثة</b> فتناولت سياسات التجديد الحضري و اعادة التطوير مع تقديم مقارنة بين اوربا والعراق في مجال تجديد الاحياء السكنية.	١١:٣٠-١٢:٠٠
استراحة غداء	١٢:٣٠-١٤:٠٠
محاضرتين : تضمنت <b>الاولى</b> توضيح استراتيجية المخطط الشامل كالية للتخطيط الحضري واستخدام هذه الالية في وضع المخطط الاساسي لمدينة المقدادية. اما <b>المحاضرة الثانية</b> فطرحت ظاهرة النمو الحضري السريع في اسبانيا.	١٤:٠٠-١٤:٤٥
استراحة	١٤:٤٥-١٥:٠٠
جلسة مناقشة عن مشاكل التنمية الحضرية في العراق.	١٥:٠٠-١٦:٣٠
توزيع الحضور على اربع ورش عمل وفقا لمحاور المؤتمر المتضمنة الاتي: - مفهوم المدن الداخلية والحراك الاقليمي - سياسات الاسكان - سياسات التنمية الحضرية والتحديات في العراق - اعادة الاحياء والتراث الحضاري	١٦:٣٠-١٧:٠٠

# ٢- اليوم الثاني ١ / ١٠ / ٢٠١٢ : تضمن الاتي:

محاضرتين تناولت <b>المحاضرة الاولى</b> التنمية الاسكانية ومشاكل النمو الحضري السريع وظاهرة التحول من الريف الى الحضر في العالم من ١٩٧٠-٢٠٠٠ ومشاكل العرض والطلب على الاسكان. اما <b>المحاضرة الثانية</b> فطرحت مشاكل النقل و مفهوم النقل المستدام	٩:٠٠-١٠:٣٠
--	------------

استراحة	١١:٣٠-١٠:٣٠
محاضرتين تناولت الأولى طرح لنمو مدينة دكا في بنغلادش وانتشارها وظاهرة النمو العشوائي فيها اما الثانية فكانت محاضرة عن تطوير مدينة الفيوم في مصر وعلاقة الفيوم بمدينة القاهرة ثم نموها وانتشارها والسياسات الاسكانية المطروحة منذ عام ١٩٩٠	١٢:٣٠-١١:٣٠
استراحة غداء	١٤:٣٠-١٤:٠٠
ورش العمل : توزيع الباحثين على ورش العمل المذكورة اعلاه. وفيما يخص البحث المقدم من قبل كل من (أ.د. سناء ساطع عباس وم.د. سحر هلال الدجيلي) فقد كان ضمن ورشة العمل الرابعة التي كان تسلسل الطرح والمناقشة فيها كالآتي : ١- البحث المقدم من قبل كل من أ.د. سناء ساطع عباس وم.د. سحر هلال الدجيلي والموسوم ( Historical Paths & the Growth of Baghdad Old Centre) والذي تناول النمو الحضري لمركز بغداد التاريخي القديم بمراحله المورفولوجية الاربعة مع دراسة تحليلية لتغير هذه المحاور باستخدام تقنية (GIS)، والذي نال استحسان الحضور. ٢- مناقشة اعادة تأهيل مدينة حلب التاريخية من ١٩٧٠- ٢٠٠٠	١٥:٣٠-١٤:٣٠
استراحة	١٥:٣٠-١٥:٠٠
٣- تطوير مدينة النجف القديمة باعتماد نظريات الاستدامة ٤- تحديات المياه : دراسة تحليلية لإقليم كردستان	١٧:٣٠-١٥:٣٠

- رافق ورشة العمل اعلاه باقي الورش التي ذكرت في اليوم الاول وقد كانت مناقشة بحث كل من (أ.م.د. وحدة شكر الحنكاويو.م. د.انوار صبحي رمضان و م.د. صفاء الدين حسين ) الموسوم ( The Strategies of Smart Growth for TheMajor Urban Centres as an Alternative to the Urban Sprawl ) ضمن ورشة العمل الثالثة ، والذي نال استحسان الجميع.
- تضمنت ورشة العمل هذه مجموعة من البحوث وكما موضح في المنهاج المرفق.
- تم مشاركة م.د. رواء فوزي نعوم بالحضور في وقائع المؤتمر بناءا على دعوة موجهة لها من قبل المنظمين للمؤتمر.

### ٣-اليوم الثالث ٢/١٠/٢٠١٢:تضمن استكمال لورش العمل

محاضرتين طرحت الاولى مفهوم التخطيط المكاني في الشرق الاوسط واوروبا مع نظرة لمفهوم التخطيط الشامل اما المحاضرة الثانية فطرحت النواحي الجمالية والاخلاقية والحضرية وتأثيرها على الفضاءات الخارجية الطبيعية والحضرية	١٠:٣٠-٩:٠٠
--	------------

استراحة	١١:٣٠ - ١١:٠٠
محاضرتين تناولت الأولى نظام النقل في دهوك وعلاقته بالنمو الحضري لهذه المدينة وضرورة وضع بدائل اما المحاضرة الثانية فتناولت السياسات الاسكانية	١٢:٣٠ - ١١:٠٠
استراحة غداء	١٤:٠٠ - ١٢:٣٠
طرح لمخلص ورش العمل الاربعة واهم المفردات التي وردت فيها	١٥:٣٠ - ١٤:٠٠
استراحة	١٦:٠٠ - ١٥:٣٠
توصيات المؤتمر	١٧:٠٠ - ١٦:٠٠

#### ٤-اليوم الرابع ٢٠١٢/١٠/٣

المغادرة الى اربيل لزيارة قلعة اربيل والمدينة القديمة .

- العودة الى بغداد بتاريخ ٢٠١٢/١٠/٤



# Certificate

This to certify that

**Dr. Sana Sati Abbas**

has attended  
in the 3<sup>rd</sup> planning conference

**Rapid Urban Growth  
and Opportunities for Sustainable Development**

held in the period 30 Sep. – 3 Oct. 2012  
in Duhok, Kurdistan Region of Iraq

Organized by:

School of Planning, Faculty of Engineering and Applied Sciences, University of Duhok and  
Faculty of Spatial Planning at the TU Dortmund University

*N.M.S. NUMAN*

**Prof. Dr. Nazar M.S. Numan**

University of Duhok,  
Dean of the Faculty of Engineering and Applied Sciences

*Hasan Sinemillioglu*

**Dr. Hasan Sinemillioglu**

TU Dortmund University,  
pliq-Coordinator

**DAAD** Deutscher Akademischer Austausch Dienst  
German Academic Exchange Service

**tu** technische universität  
dortmund





# Certificate

This to certify that

**Dr. Sahar Hilal Al-Dujaili**

has attended  
in the 3<sup>rd</sup> planning conference

**Rapid Urban Growth  
and Opportunities for Sustainable Development**

held in the period 30 Sep. – 3 Oct. 2012  
in Duhok, Kurdistan Region of Iraq

Organized by:

School of Planning, Faculty of Engineering and Applied Sciences, University of Duhok and  
Faculty of Spatial Planning at the TU Dortmund University

*N.M.S. NUMAN*

**Prof. Dr. Nazar M.S. Numan**

University of Duhok,  
Dean of the Faculty of Engineering and Applied Sciences

*Hasan Sinemillioglu*

**Dr. Hasan Sinemillioglu**

TU Dortmund University,  
pliq-Coordinator

**DAAD**

Deutscher Akademischer Austausch Dienst  
German Academic Exchange Service

**tu**

technische universität  
dortmund







Planning Education for Iraq

# Certificate

This to certify that

**Dr. Wahda S. Al-Hinkawi**

has attended  
in the 3<sup>rd</sup> planning conference

**Rapid Urban Growth  
and Opportunities for Sustainable Development**

held in the period 30 Sep. – 3 Oct. 2012  
in Duhok, Kurdistan Region of Iraq

Organized by:

School of Planning, Faculty of Engineering and Applied Sciences, University of Duhok and  
Faculty of Spatial Planning at the TU Dortmund University

*N. M. S. NUMAN*

**Prof. Dr. Nazar M.S. Numan**

University of Duhok,  
Dean of the Faculty of Engineering and Applied Sciences

*Hasan Sinemillioglu*

**Dr. Hasan Sinemillioglu**

TU Dortmund University,  
pliq-Coordinator

**DAAD**

Deutscher Akademischer Austausch Dienst  
German Academic Exchange Service

**tu** technische universität  
dortmund





# Certificate

This to certify that

**Dr. Anwar S. Al-Qaraghuli**

has attended  
in the 3<sup>rd</sup> planning conference

**Rapid Urban Growth  
and Opportunities for Sustainable Development**

held in the period 30 Sep. – 3 Oct. 2012  
in Duhok, Kurdistan Region of Iraq

Organized by:

School of Planning, Faculty of Engineering and Applied Sciences, University of Duhok and  
Faculty of Spatial Planning at the TU Dortmund University

*N. M. S. Numan*

**Prof. Dr. Nazar M.S. Numan**

University of Duhok,  
Dean of the Faculty of Engineering and Applied Sciences

*Hasan Sinemillioglu*

**Dr. Hasan Sinemillioglu**

TU Dortmund University,  
pliq-Coordinator

**DAAD**

Deutscher Akademischer Austausch Dienst  
German Academic Exchange Service

**tu** technische universität  
dortmund





# Certificate

This to certify that

**Dr. safaa Aldeen Ali**

has attended  
in the 3<sup>rd</sup> planning conference

**Rapid Urban Growth  
and Opportunities for Sustainable Development**

held in the period 30 Sep. – 3 Oct. 2012  
in Duhok, Kurdistan Region of Iraq

Organized by:

School of Planning, Faculty of Engineering and Applied Sciences, University of Duhok and  
Faculty of Spatial Planning at the TU Dortmund University

*N.M.S. NUMAN*

**Prof. Dr. Nazar M.S. Numan**

University of Duhok,  
Dean of the Faculty of Engineering and Applied Sciences

*Hasan Sinemillioglu*

**Dr. Hasan Sinemillioglu**

TU Dortmund University,  
pliq-Coordinator

**DAAD**

Deutscher Akademischer Austausch Dienst  
German Academic Exchange Service

**tu** technische universität  
dortmund





# Certificate

This to certify that

**Dr. Rawaa Fawzi Abbawi**

has attended  
in the 3<sup>rd</sup> planning conference

**Rapid Urban Growth  
and Opportunities for Sustainable Development**

held in the period 30 Sep. – 3 Oct. 2012  
in Duhok, Kurdistan Region of Iraq

Organized by:

School of Planning, Faculty of Engineering and Applied Sciences, University of Duhok and  
Faculty of Spatial Planning at the TU Dortmund University

*N.M.S. Numan*

**Prof. Dr. Nazar M.S. Numan**

University of Duhok,  
Dean of the Faculty of Engineering and Applied Sciences

*Hasan Sinemillioglu*

**Dr. Hasan Sinemillioglu**

TU Dortmund University,  
pliq-Coordinator

DAAD

Deutscher Akademischer Austausch Dienst  
German Academic Exchange Service

tu technische universität  
dortmund





## Rapid urban growth and opportunities for sustainable Development

September 30 – October 3, 2012

For the first time in history more than half the human population is concentrated in urban areas, by 2050 some six billion people are expected to be city dwellers. This development is not limited to some few megacities, but can be observed worldwide, including Iraq.

The increasing urbanisation confronts planners and decision makers with new challenges as rapid urban growth has not only important implications on land-use patterns and the urban fabric but also on environment, social and cultural structures and economic potentials of a city. The provision of housing, of infrastructure for mobility, and urban utilities are only the most urgent problems, which are additionally tightened by a growing pressure on water, energy, land and other resources.

“It is vital that we get cities right if we are to meet the internationally agreed development goals” (Executive Director of the United Nations Environment Programme). The main task is to handle these topics not as sectoral problems but to see the interdependencies. To develop the sustainable city of the future that functions as adequate space for living and production while using limited resources in a responsible way, integrated development concepts are obligatory.

The 2012 conference on sustainable urban development in Iraq is intended to enhance the discourse on planning at the urban level and to eventually inform urban policies for a better future. “Planning is that professional practice that specifically seeks to connect forms of knowledge with forms of action in the public domain” (John Friedmann, 2003). Therefore it is imperative to foster the dialogue between practitioners and academics in the field of urban planning practices in Iraq.

The format of the conference will allow for interactive joint learning. Key-note lectures at the beginning will be followed by intensive exchange in working groups. Thus, the conference will provide a platform for discussing the current problems of rapid urban growth in Iraq and for exchanging ideas about future policies and solutions. The fields of (1) mobility and transportation, (2) housing, (3) urban utilities and (4) revitalisation and cultural heritage have been identified as important areas for action and will be discussed sector by sector. The results of the working groups will be reflected and end into one integrated perspective. Aim of the conference is not only to enrich the academic debate, but also planning practice and planning education in Iraq.

We invite all interested planners and practitioners to participate in the conference.

The 2012 German-Iraqi Planning Conference will take place at Dohuk University, Dohuk, between September 30<sup>th</sup> and October 2<sup>nd</sup>. On October 3<sup>rd</sup> one excursion to Erbil is planned.



## The tentative conference programme

### Programme structure

September 30 <sup>th</sup>	October 1 <sup>st</sup>	October 2 <sup>nd</sup>
Morning session		
<ul style="list-style-type: none"><li>– Opening ceremony</li><li>– 3 keynotes</li></ul>	<ul style="list-style-type: none"><li>– <b>Two key notes</b></li><li>– Four workshops</li></ul>	Plenary session: <ul style="list-style-type: none"><li>– Workshop reports</li><li>– Two key notes</li></ul>
Afternoon session		
<ul style="list-style-type: none"><li>– Two key notes</li><li>– Panel discussion: <i>Problems of urban Development in Iraq</i></li><li>– Preparation of workshops</li></ul>	<ul style="list-style-type: none"><li>– Workshops (continued)</li></ul>	<ul style="list-style-type: none"><li>– Panel discussion: <i>Impacts of Urban Development Planning in Iraq</i></li><li>– Closing remarks and evaluation</li></ul>

### Organisation, time table and deadlines

- There will be no conference fee. The participants will have to take care of their accommodation and transport.  
**Important remark:** The participants from the universities of Diyala, Dohuk and Mosul should please contact their administration for further regulations.
- The technical organisation will be provided by University of Dohuk – email: [aihan.jamal@uod.ac](mailto:aihan.jamal@uod.ac)
- Contact: Dr. Maha Malaika (Dohuk), [maha.jameel@uod.ac](mailto:maha.jameel@uod.ac)  
Dr. Hasan Sinemillioglu (Dortmund), [hasan.sinemillioglu@tu-dortmund.de](mailto:hasan.sinemillioglu@tu-dortmund.de)

### Target groups

- Planning related faculties or universities in Iraq and abroad
- Planning related organisations and institutions in Iraq



## The programme

Sunday, September 30<sup>th</sup>

9:00 – 9:30	Registration
9:30 – 10:30 Opening ceremony	Dr. Lokman Muhammed Saleh, acting President, University of Duhok Mr. Rolf Ulrich, Consul General of Germany in Erbil Representatives from politics, Baghdad & Erbil Dr. Asmat M. Khalid, Minister of Education, Erbil Ms Kerstin Simonis – Representative of DAAD in Erbil Representative of the University of Diyala (NN) Representative of the University of Mosul (NN) Prof. Christa Reicher, TU Dortmund
10:30 – 11:00	Coffee break
11:00 - 12:30 Conference keynotes	<i>Contemporary approaches to urban development and vis-à-vis the current situation in Iraq</i> Prof. Dr. Sabine Baumgart, TU Dortmund  <i>Urban Planning Challenges in Iraq</i> Mr. Kurdo Ehsan Abdusselam, Directorate of Municipality, Dohuk  <i>Urban Redevelopment Policies as a Required Planning Solution for Urban Deterioration in Iraqi Cities</i> Dr. Maha Malaika, University of Duhok
12:30 – 14:00	Lunch break
14:00 – 15:00 Conference Keynotes	<i>Strategic Integrated Urban Planning</i> Prof. Christa Reicher, TU Dortmund and Dr. Samaan Yas, Diyala University  <i>Rapid urbanization in Spain: the last 60 years</i> Felix Arias Goytre, Madrid, former General Director of SEPES (State Land Development Company)
15:00 – 15:30	Tea break
15:00 – 16:30 Panel discussion	<i>Problems of Urban Development in Iraq</i> Moderation: Prof. Dr. Sabine Baumgart, Dortmund / Dr. Maha Malaika, Duhok  Participants (representatives of): <ul style="list-style-type: none"> <li>– Repr. Ministry of Planning, Baghdad, NN</li> <li>– Mr. Heval Ahmed Husen, Director of Municipalities, Dohuk</li> <li>– Dr. Karwan Gazi Fendi, Municipality of Dohuk</li> <li>– Christian Horn, Paris</li> <li>– Franziska Laue, Cairo</li> <li>– Repr. of University of Diyala, NN</li> <li>– Dr. Layla Raswol, University of Duhok</li> <li>– Repr. of University of Mosul, NN</li> <li>– Dr. Hasan Sinemillioglu, TU Dortmund University</li> </ul>
16:30 – 17:00	Preparation of four workshops (max. 25 participants each)



Workshops	<ol style="list-style-type: none"> <li>1. Inner-city and inter-regional mobility concepts</li> <li>2. Housing policies</li> <li>3. Urban development policies and challenges in Iraq</li> <li>4. Revitalisation and cultural heritage</li> </ol>
-----------	--

## Monday, October 1<sup>st</sup>

9:00 – 10:30 3 Keynotes (one for each workshop)	<i>Development, housing and urban growth - missing links and strategic considerations</i> Dr. Thorsten Heitkamp, TU Dortmund  <i>Whose interest finally counts? Forms of urban extension and arising challenges for planning</i> Dr. Kirsten Hackenbroch, TU Dortmund and Dr. Shahadat Hossain, Bangladesh  <i>Facts and Trends on Sustainability Problems in Urban Transport</i> Jürgen Perschon, EURIST (European Institute for Sustainable Transport), Hamburg
10:30 – 11:00	Coffee break
11:00 – 12:30 Group work Four parallel workshops	<ol style="list-style-type: none"> <li>1. Inner-city and Inter-regional Mobility Concepts              Facilitated by Jürgen Perschon and Dr. Obey M. Al-Wattar               Papers to be presented:             <ul style="list-style-type: none"> <li>– <i>Transport for Sustainable Urban Development in Iraq Present and Future</i>                Dr. Abdullah Fadhil Al-Hayali and Nidhal Mohammed Abdullah</li> <li>– <i>The need of a modern transport System in Iraq: Policy and Practice</i>                Sulin Salam Salih and Karwan Ghazi Fendi</li> <li>– <i>Traffic Safety Development Modeling in Duhok City: Road Network Using GIS Technique</i>                Dr. A. M. AL-Taei and Ziyad N. Al-Doski</li> <li>– <i>Sustainable Development achievement from transportation system management</i>                Dr. Firas Th. Hamodi Al-Rawi</li> <li>– <i>Urban Growth and The Need for An Alternative Passenger Transport System in Duhok City</i>                Obey M. Al-Wattar</li> <li>– <i>Planning for Alleviating of Traffic Congestion in Duhok City Urban Roads Network using GIS technology through different Planning Scenarios</i>                Waheeda Mustafa Omer</li> </ul> </li> <li>2. Housing policies              Facilitated by Dr. Thorsten Heitkamp and Prof. Dr. Muthar Omar               Papers to be presented:             <ul style="list-style-type: none"> <li>– <i>Housing environment in Buhriz Nahya-Diyala_Analytical study of housing conditions in this Nahya , Dr. Ruqaya Murshid</i></li> </ul> </li> </ol>



	<ul style="list-style-type: none"> <li>– <i>The Capability of Mosul's Traditional Dwellings to Satisfy Contemporary Housing Standards</i> Mumtaz H. Dawood Aldewachi and Miqdam A. Majeed Alkurukchi</li> <li>– <i>Planning and People Opinion</i> Prof. Dr. Muthar Omar</li> </ul>
	<p>3. Urban development policies and challenges in Iraq Facilitated by Prof. Dr. Baumgart and Dr. Layla Raswol</p> <p>Papers to be presented:</p> <ul style="list-style-type: none"> <li>– <i>Using Municipality records as Geographic Data base for Buhriz Nahya – Diyala</i> Dr. Wasan Shihab &amp; Dr. Azhar Salman</li> <li>– <i>The Strategies of Smart Growth for The Major Urban Centres as an Alternative to the Urban Sprawl</i> Dr. Wahda Shuker Al-Hinkawi; Dr. Anwar Subhi Al-Qaraghuli; Dr. safaa Aldeen Ali</li> <li>– <i>Urban morphology in old Baghdad core within the city expansion – Urban Innovation through transformation process</i> Msc. Ing Alhasani, Mohammed</li> <li>– <i>Monitoring and evaluating urban cover change in the Duhok city, Kurdistan region-Iraq, by using remote sensing and GIS"</i> Yaseen T. Mustafa, Rebar T. Ali, Razwan M.S. Najm Aldeen</li> <li>– <i>The city of Baghdad between the reality of rapid growth and the relay of master plans and lack of integration of the planning process</i> Oday Abass Abood; Sameer Ubdl Kareem Al Kasei; Mohammed Mahdi Hussein</li> <li>– <i>The Use of Solid Waste to Produce Clean Energy</i> Dr. Nada Khalifa &amp; Suad Jaber</li> </ul>
	<p>4. Revitalisation and Cultural Heritage Facilitated by Prof. Christa Reicher and Dr. Samaan Yas</p> <p>Papers to be presented:</p> <ul style="list-style-type: none"> <li>– <i>Upgrading of the City of Aleppo</i> Franziska Laue</li> <li>– <i>New Fayoum Panel New Medina Project</i> Christian Horn</li> <li>– <i>Diverse approaches to achieve the Sustainable Urban Form – The Holy Najaf as a case study</i> Dr. Zaynab R. Abaas</li> <li>– <i>Historical Paths &amp; the growth of Baghdad old centre</i> Dr. Sana Sati &amp; Sahar hilal</li> </ul>
12:30 – 14:00	Lunch break
14:00 – 17:00	Workshops (continued)



## Tuesday, October 2<sup>nd</sup>

9:00 – 9:50	<p><i>Spatial planning in the Middle East and in Europe - experiences and perspectives</i>  Prof. Dr. Christoph Zöpel, Dortmund</p> <p><i>Are there ethnic or cultural impacts on how we perceive natural or cultural landscapes?</i>  Prof. Dr. Dietwald Gruehn, TU Dortmund University</p>
9:50 – 11:00 Workshop results, discussion	<p>Workshop 1 – Inner-city and inter-regional mobility concepts</p> <p>Workshop 2 – Housing policies</p>
11:00 – 11:15	Coffee break
11:15 – 12:30 Workshop results, discussion	<p>Workshop 3 – Urban development policies and challenges in Iraq</p> <p>Workshop 4 – Revitalisation and Cultural Heritage</p>
12:30 – 14:00	Lunch break
14:00 – 15:30 Panel discussion	<p><i>Impacts of Urban Planning in Iraq</i>  Moderation: Prof. Dr. Nazar Numan, Dohuk / Dr. Hasan Sinemillioglu, Dortmund</p> <p>Participants:</p> <ul style="list-style-type: none"> <li>– Repr. Ministry of Planning, Baghdad, Erbil, NN</li> <li>– Mr. Kurdo Ehsan Abdusselam Directorate of Municipalities, Dohuk</li> <li>– Felix Arias Goytre, Madrid</li> <li>– Dr. Jürgen Perschon, EURIST, Hamburg</li> <li>– Dr. Layla Raswol, Institute of Planning, University of Dohuk</li> <li>– Dr. Thorsten Heitkamp, Dortmund</li> </ul>
15:30 – 16:00	Tea break
16:00 – 16:30	<p>Closing remarks  Prof. Christa Reicher, TU Dortmund</p>
16:30 – 17:00	Evaluation
17:00	End of conference



## Tuesday, October 3<sup>rd</sup>

9:00 – 11:30	Transfer to Erbil
11:30 – 12:30	Visiting Citadel of Erbil
12:30 – 14:00	Lunch
14:00 – 16:00	Visiting old city quarters around citadel
Evening event	3 <sup>rd</sup> October – German National Day

