

PARTENAIRES NATIONAUX

- Nous nous engageons en faveur d'un environnement professionnel attrayant pour nos membres
- Nous pratiquons une collaboration active avec nos partenaires
- Nous nous exprimons sur les tendances actuelles et lors des procédures de consultation

PARTENAIRES/AFFILIATIONS

- SIA (groupes professionnels: Sol/Air/Eau et Génie civil)
- IGS (groupe de geosuisse)
- CH-AGRAM (groupe de geosuisse)
- ASPAN (Association suisse pour l'aménagement national)
- Association des organismes responsables Géomaticiens/Géomaticiennes Suisse
- SATW (Académie suisse des sciences techniques)
- OSIG (Organisation Suisse pour l'information géographique)
- Fondation suisse de géomatique et de gestion du territoire
- Association suisse pour le développement rural

PARTENAIRES INTERNATIONAUX

- Nous soutenons nos membres dans leurs engagements internationaux
 - Nous invitons différents hôtes internationaux à nos manifestations
- partenaires internationales:
- CLGE (Comité de Liaison des Géomètres Européens)
 - FIG (Fédération Internationale des Géomètres)
 - CIID (Commission Internationale des Irrigations et du Drainage)
 - CIGR (Commission Internationale du Génie Rural)

NOTRE ASSOCIATION

MISSION ET ACTIVITÉS

- Nous préservons et promovons nos intérêts professionnels communs
- Nous promovons la notoriété de notre profession à l'égard du public
- Nous éditons une revue spécialisée
- Nous organisons des cours de formation continue
- Nous établissons et gardons le contact avec les autorités, les hautes écoles et les associations professionnelles suisses et à l'étranger

MEMBRES

- Les diplômé(e)s Master des filières de géomatique, d'aménagement et de gestion du territoire, des sciences et ingénierie de l'environnement, du développement territorial et des réseaux d'infrastructure
- 720 membres individuels
- 11 sections régionales sont chargées de l'organisation des activités et de la formation continue de leurs membres
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- Groupe CH-AGRAM (Commission suisse des Agrosystèmes et des Aménagements)

Edition: avril 2012
Photo EPFL: Alain Herzog

CONTACT

geosuisse
Case postale 832, 4501 Soleure
Téléphone 032 624 65 11, télécopie 032 624 65 08
info@geosuisse.ch
www.geosuisse.ch



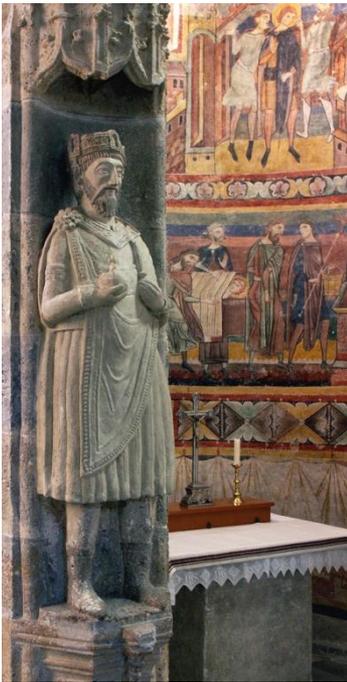
The Swiss Approach of Integrated Land Administration and Land Management

- **Background and legal basis**
- **Organization and digital reform**
- **Conceptual and technical elements**
- **Extension of purpose (land information)**
- **Profession, PPP**

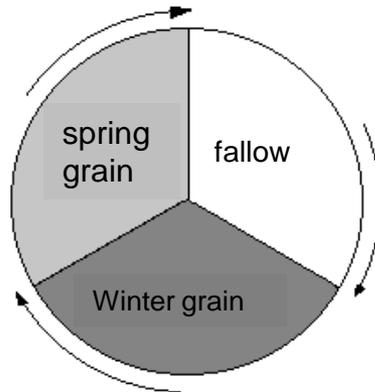
Early experience in Land Reform

Charlemagne 747-814

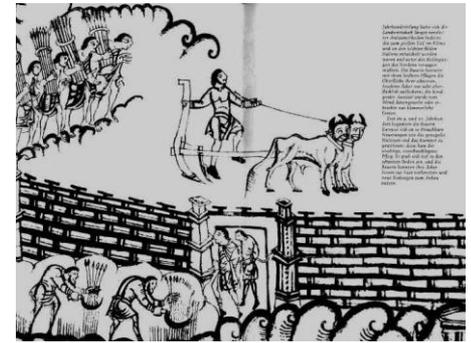
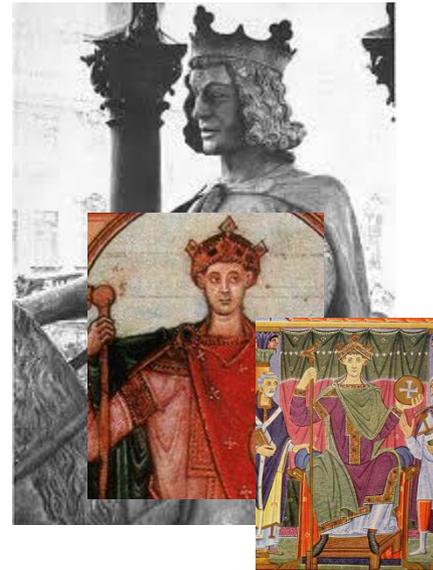
Ottonian 912-1009



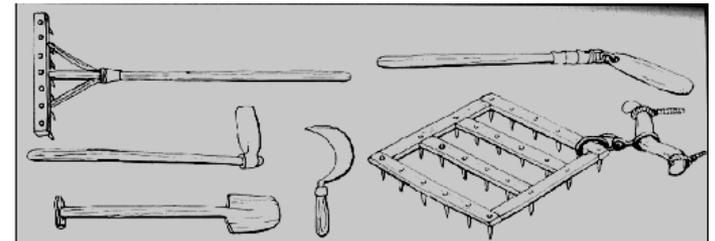
statues in the famous monastery Mustair Switzerland



three-field rotation
three years



agricultural and
land reform



geosuisse

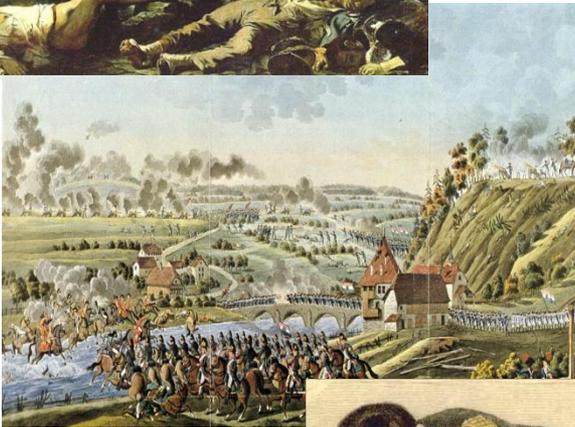
A long history of property rights



French
revolution
1789



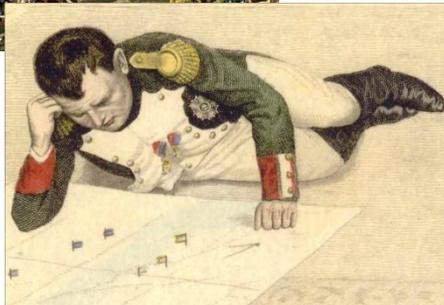
Immigration of
Huguenot
Watch production
Base for precision
mechanics



Armed raid
on switzerland



Napoleon
ordered cadstral
map



new land code
most modern
guarantee of
ownership

geosuisse

A long history of property rights



Watch production

Base for precision mechanics

Tradition of the survey instrument making

Understanding and respect from the idea of cooperative and confederation for centuries

Official name of the State
Swiss Confederation



Inspiration of technical and political progress in France Germany Italy and Austria

new land code

most modern guarantee of ownership



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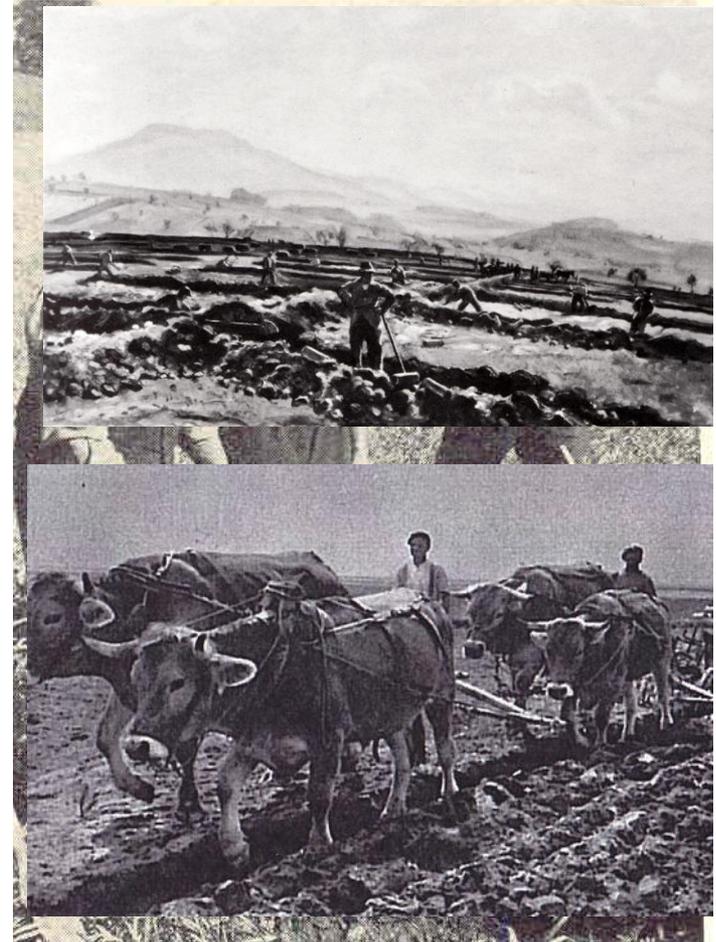
experience in the time of the 2nd world war

Switzerland was surrounded by warring nations.
The imports of essential goods were reduced

it has been tried successfully in food production
to expand self-sufficient as possible

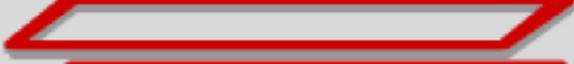
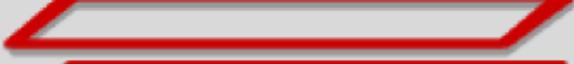
The “growing battle” related of land management projects

- draiange
- land consolidation
- and so on....

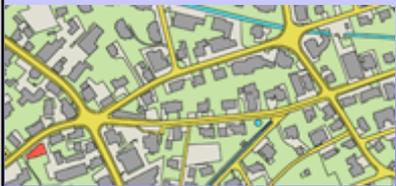


Land Administration and Management Paradigm

The principle of legal independance

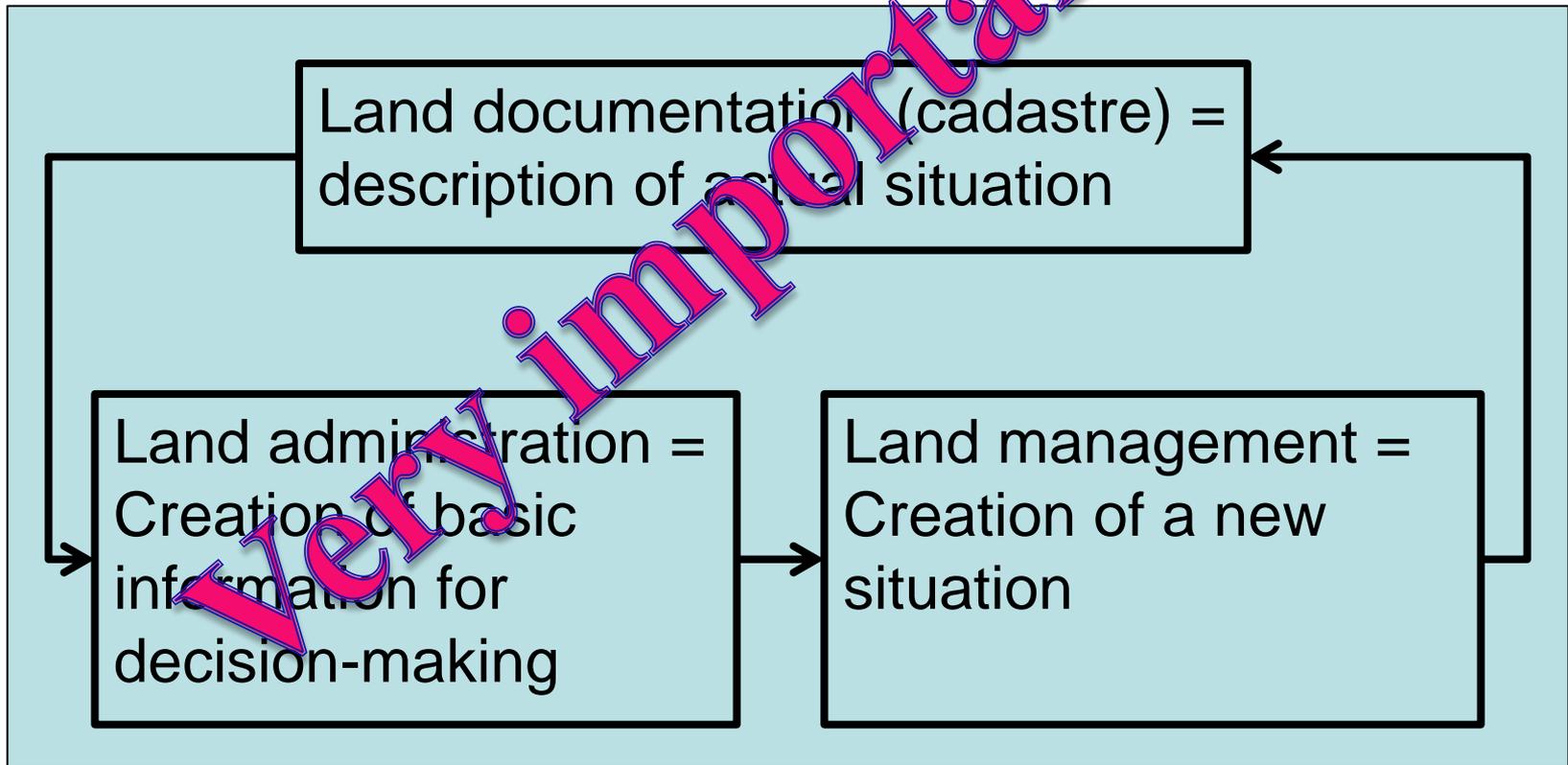
Legal Topics:	Legal Object Boundaries:	Rightful Claimants:
.....	
Resource exploitation		Chartered company
Collective land rights		Corporation
Water protection		Society
Traditional rights		Tribe, Clan
Environmental protection		Society
Land use planning		Society
Land property		Private Land Owners
Topography		Society
Natural resources		Society
Natural land objects		Society

Land Administration and Management Paradigm

Tasks	Land related activities	Tools / Methods
Strategy <ul style="list-style-type: none"> visions and objectives 	Land policy	<ul style="list-style-type: none"> political activities
Management <ul style="list-style-type: none"> measures and projects for the implementation of the policy 	Land management 	<ul style="list-style-type: none"> land-use planning land consolidation land reallocation melioration landscape development land recycling
Administration / Documentation <ul style="list-style-type: none"> handling of spatial information, data analysis, data visualization cadastral operations, data modelling, data acquisition, data maintenance, data distribution 	Land administration and cadastre 	<ul style="list-style-type: none"> monitoring navigation geoinformation land registration cartography surveying geodesy

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The cyclic process of sustainable land management



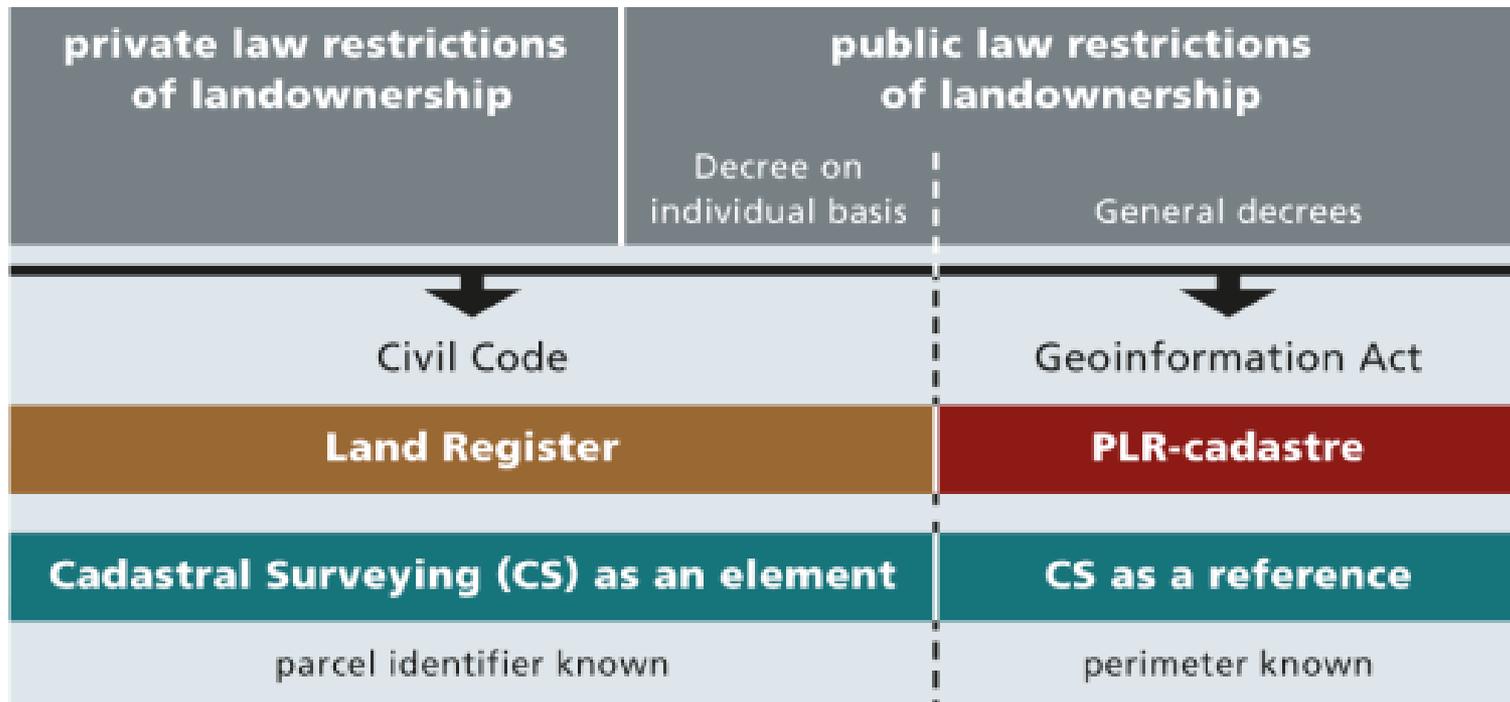
geosuisse

participatory methods



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The cadastre of Public-law Restrictions of Landownership (PLR)



The cadastre of Public-law Restrictions of Landownership (PLR)

Kataster der öffentlich rechtlichen Eigentumsbeschränkungen

1. Raumplanung (Kontakt: [Planungsamt der Stadt Thun](#)) **2. Parzelle Thun 4912**



3

Baurechtliche Grundordnung der Stadt Thun vom Juni 2002

4

Legende

- Grundnutzung
- Nutzungszone
- Wohnen W/2
- Wohnen W/3
- Wohnen W/3+
- Wohnen W/3A
- Wohnen W/3A3
- Arbeiten A
- Zone für öffentliche Nutzung Z/In
- Zone für Sport- und Freizeitanlagen Z/SF
- Zone für militärische Nutzung Z/MI
- Erhaltungs- und Freizeitzone EFZ
- Uferschutzzone USZ
- Landwirtschaftszone L/WZ
- Wald
- Gewässer
- Nutzung gemäss Zonenplan 1996
- Verkehrsfächen
- Planungspflicht
- Überbauungsordnung
- Für Genehmigung s/ster
- Erhaltungs + Entwicklungsgebiete
- Altstadtegebiete A I/II
- Altstadtegebiete A I/III
- Ortsbildgebiete O I/II/III
- Ortsbildgebiete O I/IV
- Strukturgebiete S I/II
- Strukturgebiete S I/III
- Landschaftsbildgebiete L I/IV
- Landschaftsbildgebiete L I/IV
- Naturgebiete II I/VI
- Naturgebiete II I/VI

5

Einträge im Zonenplan vom Juni 2002

- Wohnen W3, seit Juni 2002
- Überbauungsordnung ZPP I Zenger-Gut, seit 27.10.2005

6

Reglement zum Zonenplan

[BR: Thun, vom 06.2002](#)

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Sondernutzungsplanungen

Die Überbauungsordnung beinhaltet:

- [Überbauungsplan 1:500 vom 27.10.2005](#)
- [Überbauungsvorschriften vom 27.10.2005](#)

Weitere Dokumente von Interesse:

- Ev.: [Genehmigungsentscheid des Kantons vom 27.10.2005](#)
- [Richtprojekt vom 27.10.2005](#)
- [Erläuterungsbericht vom 27.10.2005](#)
- Beilage Ansichten/Querschnitte

8

Übergeordnetes Recht

BauG BE 721.0 BauV BE 721.1	Baugesetz Bauverordnung	} Art. 50-52, 79, Art. 1-124
BewD 725.1 D NRauR 723.13 KWaG BE 921.11 KWaV BE 921.111 BPG 215.124.1	Baubewilligungsdekret Normalbaureglementdekret Waldgesetz Waldverordnung Bäuerliches Boden- und Pachtrecht	
RPG SR 700 RPV SR 700.1 BGBB SR 211.412.11 VBB SR 211.412.110	Raumplanungsgesetz Raumplanungsverordnung Bäuerliches Bodenrecht Bäuerliches Bodenrecht Verordnung	Art. 14-19, 22, 24 Art. 31, 33, 34-43 Art. 1-96 Art. 1-4

Insbesondere:

- Art. Anh. 3

Insbesondere:

Optional gemäss Art. 4 Informationstiefe /
Option selon art. 4 Niveaux d'information

Seite 1 von 9 ÖREB-Kataster-Auszug

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The master study for land engineering

Report on the problems of higher education in geomatics and land management

The number of students at Swiss federal institute of technology in Zurich and Lausanne is insufficient

The curricula do not meet the needs in all parts of the practice

We try to find more students with active information campaigns, e.g.:

www.arbeitsplatz-erde.ch

geosuisse

Schweizerischer Verband für Geomatik und Landmanagement, SIA-Fachverein
Société suisse de géomatique et de gestion du territoire, société spécialisée SIA
Società svizzera di geomatica e di gestione del territorio, società specializzata SIA
Societad svizra da geomatica e da gestiun dal territori, societad spezialida SIA

Bericht über die Problematik der Hochschulausbildung im Bereich Geomatik und Landmanagement



International activities



SWISS LAND MANAGEMENT FOUNDATION

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contact@swisslm.ch
www.swisslm.ch

Working Worldwide



our experience - your progress Public Private Partnership

Swiss traditions

- thoroughness
- order-abiding
- Endurance
- Reliability

Our experience led to success

Swiss traditions

Open cooperation between

- Authorities
- Universities
- Private firms
- practice

Our experience led to success

Switzerland is a reliable

1815 we received from the Congress of Vienna commissioned the Transalpine keep open to all.

This is the reason why everyone can go without tolls through the new 57 km long Gotthard Base Tunnel in 2017

our commitment to thoroughness and accuracy made possible to reach the breakthrough with a deviation from flat of your hand.

(8 cm across, 1 cm height, 15 cm length)



Die Geodäten zuverlässig und bodennah Geodesist are reliably and on the ground



geosuisse

Thank you for your attention