

HRT4262 Remote Sensing Sensors Spring Semester GR 2 Presentations

It will be accepted as a midterm exam. It is necessary to follow the topics and presentation dates given in the attached table. Presentations other than these dates will not be accepted. The presentation will be made in class. After the presentation (in English), the presentation files will be received on Tuesday, May 16, 2024 at the course time and <https://online.yildiz.edu.tr/>. The presentations should include (in English);

- Missions and usage areas of remote sensing sensors,
- Technical characteristics of remote sensing sensors (imaging sensor, number of bands, spectral sensitivity (spectral resolution), orbital altitude, radiometric, geometric, spectral and temporal resolutions, working principles etc.),
- Data formats, features and web addresses of remote sensing sensors distributor.

In addition to this presentation, an article in English from www.sciencedirect.com (articles are only available if connected to the university network) or a paper presented at international meetings from isprs.org (accepted only if an article is not available) containing the usage of the given detection sensor will be downloaded and the contents of the article will be summarized in the presentation (the original article will be brought to the presentation).

Points To Be Considered While Preparing Presentations;

- 1- References for all citations (figures, text, tables, etc.) will be shown,
- 2- The presentation design will be made in an understandable language and clear way,
- 3- In slides, explanatory figures, tables or pictures should be given instead of text,
- 4- Each student of the group will make a presentation during the presentation time.

Deliverables:

- The slides of the presentation as printed version

Delivery date: 16.05.2024 at the course

Deliverables at <https://online.yildiz.edu.tr/> :

- The slides of the presentation as a ppt or files extension
- The original English article in pdf files extension
- All of the used resources as pdf files (Internet resources in html extension will be converted to pdf file)

Delivery date: 16.05.2024, 09:00 am to 23:59 pm

Presentation Headlines

- I- Introduction (literature review of the relevant subject)
- II- Detection sensor features and usage areas
- III- Article summary
- IV- Results

Assessments of the Presentations

- ☐ Presentation performance of students
- ☐ Answers to questions
- ☐ Number of used resources for literature review
- ☐ Degree of knowledge about presentation subject
- ☐ Design of the presentation
- ☐ Article selection and presentation

HRT4262 Remote Sensing Sensors 2023-2024 Spring Semester Presentations					
Group Number	Number	Name	Surname	Subject	Presentation Date
1	22044803	Hikmet Sulhi	Akdilek	ALOS-2	May 16, 2024
2				ALOS (MS+PALSAR)	
3				Aqua	
4				ASTER	
5	19046086	Beyza	Eren	Bilsat	May 9, 2024
6				Cartosat-1 (P-5)	
7				Cartosat-2, 2S	
8				COSMO-SkyMed	
9	19046075	Ahmet	Ateş	DEIMOS-1	May 16, 2024
	19046103	Ahmet Hayri	Sözer		
10				ENVISAT ASAR	
11				EQ-1 (ALI, Hyperion)	
12				EROS-A1	
13	19046014	Alperen	Karavul	EROS-B1	May 16, 2024
	20046054	Batuhan	Kul		
14				ERS-1/2	
15				Formosat-2	
16	17046040	Ahmet Seyfihan	Öz	GeoEye-1	May 16, 2024
17	20046104	Seda	Sever	GÖKTÜRK-2	May 2, 2024
	20046027	Merve	Küçükbüyük		
18				IKONOS	
19				IRS-1 C/D	
20				IRS-P6 (ResourceSat-1)	
21				IRS-R2 (ResourceSat-2)	
22				JERS-1	
23				KOMPSat 1-5	

Group Number	Number	Name	Surname	Subject	Presentation Date
24				KVR-1000	
25	18046042	Derin Can	Dal	LANDSAT 1-6	April 25, 2024
	18046025	Muhammed Furkan	Aydın		
26	19046083	Asilkan	Köroğlu	Landsat 7-8	May 2, 2024
	19046066	Görkem	Gülsu		
27				OrbView 1-2	
28				OrbView 3-4	
29				Pléiades 1A-1B	
30	20046002	Mustafa	Umaç	QUICKBIRD-2	April 25, 2024
	19046015	Sefa	Çelik		
31	19046026	Ecem	Arıca	RADARSAT 1-2	May 9, 2024
	19046056	Büşra	Boyras		
32	20046098	Ali Taha	Saral	RapidEye	May 9, 2024
	20046058	Erim	Örnek		
33	20046703	Ahmet	Dilek	RASAT	May 16, 2024
34				SPOT 1-5	
35	19046049	Eylül	Özdemir	SPOT 6-7	May 9, 2024
	19046059	Şevval	Aydın		
36	19046010	Yeşim	Arslan	TerraSAR-X	May 2, 2024
37				TanDEM-X	
38				Terra (ASTER-MODIS)	
39				TOPSAT	
40	20046050	Halit Berke	Özaçlanlıgil	Worldview-1-3	May 16, 2024
	20046038	Cemil	Milligüney		
41				TIROS	
42	19046072	Muhammed Emin	Köse	GOES 1-7	April 25, 2024
	19046087	Cemil	Karakuş		
43				GOES 8-15	
44				NOAA AVHRR	
45				Meteosat	
46				INSAT	
47				Elektro-L	

Group Number	Number	Name	Surname	Subject	Presentation Date
48				MOS	
49				SeaWiFS	
50				ICESat-1-2	
51				Jason-1	
52		Viktoriia	Leshchenko	SRTM	April 25, 2024
53				CloudSat	
54	20046087	Dilek	Laçın	GRACE	May 9, 2024
	20046064	Emirhan	İmamoğlu		
55	19046065	Muhammet Mustafa	Tıraş	GÖKTÜRK-1	May 2, 2024
	19046073	Muhammed Furkan	Ünal		
56	19046041	Ceyda	Hızal	SENTINEL 1-6	May 2, 2024
	19046017	Koray	Demirci		