

HRT4262 Remote Sensing Sensors Spring Semester GR 1 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 21, 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: 21.05.2024 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: 21.05.2024, 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	19046019	Semih Emre	Berktaş	ALOS-2	April 30, 2024
	19046030	Betül	Şişman		
2	20046902	Hazal	Türkmen	ALOS (MS+PALSAR)	April 30, 2024
	20046025	Betül	Duran		
3	19046100	Özlem	Kaya	Aqua	April 30, 2024
4	19046003	Sait Emre	Şenyiğit	ASTER	May 14, 2024
5	19046077	Kürşat	Dalar	Bilsat	May 14, 2024
	19046031	Kemal Can	Erdem		
6	15046073	Elif	Ay	Cartosat-1 (P-5)	May 7, 2024
	17046100	Nur Ebrar	Sadıkoğlu		
7	19046007	Mustafa Berk	Gökçer	Cartosat-2, 2S	May 14, 2024
	19046005	Nida	Yıldız		
8	18046070	Buğra	Aytaç	COSMO-SkyMed	May 14, 2024
	19046092	Hacı Tarık	Baran		
9	19046012	Umut Ünal	Uygun	DEIMOS-1	May 21, 2024
	19046043	Umut Can	Bor		
10	19046093	Mehmet	Yiğit	ENVISAT ASAR	April 30, 2024
	19046080	Hilmi Yavuz	Akgün		
11				EQ-1 (ALI, Hyperion)	
12	19046060	İpek	Şişman	EROS-A1	May 7, 2024
13	19046061	Emir	Çokaklı	EROS-B1	May 21, 2024
	19046082	Nida Melike	Özdemir		
14	19046055	İbrahim Efe	Ayaz	ERS-1/2	May 21, 2024
	19046090	Ayşenur	Kendirici		
15	19046905	Taner	Öztürk	Formosat-2	May 21, 2024
	20046011	Kemal Doğan	Darıcı		
16	20046026	Mahmut Can	Çobanoğlu	GeoEye-1	May 21, 2024
	20046046	Ahsen	Zengin		
17	20046102	Yunus	Genç	GÖKTÜRK-2	May 7, 2024
	20046704	Burak	Güvendik		
18	19046070	Sümeyye	Akcan	IKONOS	April 30, 2024
	19046016	Yiğit Aydın	Karaca		
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	20046072	Merve	Sağanak	LANDSAT 1-6	April 30, 2024
	19046064	Şeydanur	Kola		
26	19046094	Sevgi	Kaya	Landsat 7-8	May 14, 2024
	19046011	Buğra	Karagöz		
27	21046601	Selin	Tezcan	OrbView 1-2	May 7, 2024
	20046040	Tacettin Yücel	İpek		
28	21046008	Gaye	Akyiğit	OrbView 3-4	May 21, 2024
29				Pléiades 1A-1B	
30	19046006	Emirhan	Başdemir	QUICKBIRD-2	May 7, 2024
	19046009	Mustafa	Albayrak		
31				RADARSAT 1-2	
32	19046701	Anıl	Koç	RapidEye	April 30, 2024
	21046602	Zehra İrem	Koşak		
33	20046095	Doğukan	Koçal	RASAT	April 30, 2024
	19046021	Janeda	Baysal		
34				SPOT 1-5	
35				SPOT 6-7	
36				TerraSAR-X	
37				TanDEM-X	
38	20046090	Hande	Aşçıoğlu	Terra (ASTER-MODIS)	May 14, 2024
	20046028	Dilara	İskender		
39	20046008	Günsu	Gördük	TOPSAT	May 14, 2024
	19046032	Ecenur	Maden		
40				Worldview-1-3	
41				TIROS	
42				GOES 1-7	
43				GOES 8-15	
44	20046085	Enes Yasin	Üstüner	NOAA AVHRR	May 21, 2024
45	22044801	Emine	Göktepe	Meteosat	May 7, 2024
46	20046060	Ahmet Berat	Çoban	INSAT	May 7, 2024
	19046058	Ahmet Faruk	Kuday		
47				Elektro-L	

Group Number	Number	Name	Surname	Subject	Presentation Date
48				MOS	
49				SeaWiFS	
50	19046023	Barbaros	Saygılı	ICESat-1-2	April 30, 2024
	19046038	Damla	Uzun		
51				Jason-1	
52	22046802	Ömer	Bekliyen	SRTM	May 7, 2024
53				CloudSat	
54	19046050	Fevzi	Bayrakçı	GRACE	May 14, 2024
	19046027	Abdulkadir Emre	Bakan		
55	19046022	Furkan İlyas	Yıldırım	GÖKTÜRK-1	April 30, 2024
	19046037	Muhammed Halil	Çalı		
56	19046036	Esra	Yılmaz	SENTINEL 1-6	May 21, 2024
	19046052	Zeynep	Kiraz		