

## **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. After the presentation (in English), the presentation files will be received in zip file. The deadline is ???.2022 and way of the sending or uploading zip file will be announced later. The zip files 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](http://www.sciencedirect.com) (articles are only available if connected to the university network) or a paper presented at international meetings from [isprs.org](http://isprs.org), (accepted only if a 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 in a digital zip file;**

- 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: After presentation, the presentation work files in zip format will be received upto ???.2022**

### **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

**Prof. Dr. Naci YASTIKLI**

**Prof. Dr. Naci YASTIKLI HRT4262 Remote Sensing Sensors**  
**2021-2022 Spring Semester Group 1 Presentations**

| Group Number | Number   | Surname                    | Subject                | Presentation Date |
|--------------|----------|----------------------------|------------------------|-------------------|
| 1            | 07044025 | SAMET KARABULUT            | ALOS-2                 | 26 Nisan 2022     |
|              | 15046023 | UĞUR ATALAY SATILMIŞ       |                        |                   |
| 2            | 16046005 | OĞUZHAN AYDIN              | Aqua                   | 26 Nisan 2022     |
|              | 16046010 | BURAK KARAPINAR            |                        |                   |
| 3            | 16046012 | UMUT FURKAN ÇELİK          | ASTER                  | 26 Nisan 2022     |
|              | 16046023 | FURKAN METEHAN ÖZARAS      |                        |                   |
| 4            | 16046034 | BETÜL ZEYNEP ULUERGÜVEN    | Bilsat                 | 26 Nisan 2022     |
|              | 16046038 | MUHAMMED YUSUF KARAAHMET   |                        |                   |
| 5            | 16046046 | HAMİDE CEREN UYSAL         | Cartosat-1 (P-5)       | 26 Nisan 2022     |
|              | 16046047 | YUSUF YÜKSEL               |                        |                   |
| 6            | 16046051 | MUHAMMED ÖMER GÜREL        | Cartosat-2, 2S         | 26 Nisan 2022     |
|              | 16046054 | BERKE YAŞAR                |                        |                   |
| 7            | 16046058 | OSMAN ROHAT YIOLDU         | COSMO-SkyMed           | 26 Nisan 2022     |
|              | 16046062 | İBRAHİM ZAFER YEŞİLYURT    |                        |                   |
| 8            | 16046070 | FATMA KARA                 | DEIMOS-1               | 26 Nisan 2022     |
|              | 16046081 | HATİCE ŞAHİN               |                        |                   |
| 9            | 16046084 | MUHAMMET SALİM ESER        | ENVISAT ASAR           | 26 Nisan 2022     |
|              | 16046608 | SAİM AKIN                  |                        |                   |
| 10           | 16046905 | OKAN KARIŞIK               | EO-1 (ALI, Hyperion)   | 26 Nisan 2022     |
|              | 16046906 | SALİM TAHA YAPICI          |                        |                   |
| 11           | 17046002 | ŞEYDA ÖZTÜRK               | EROS-A1                | 10 Mayıs 2022     |
|              | 17046003 | KÜRŞAD NUHOĞLU             |                        |                   |
| 12           | 17046008 | OZAN METİN                 | EROS-B1                | 10 Mayıs 2022     |
|              | 17046011 | YUSUF KIRAN                |                        |                   |
| 13           | 17046012 | AHMET KILIÇ                | ERS 1-2                | 10 Mayıs 2022     |
|              | 17046015 | KASIM KARABULUT            |                        |                   |
| 14           | 17046017 | ZEHRA NUR DİKMEN           | Formosat-2             | 10 Mayıs 2022     |
|              | 17046018 | SELVA NUR ÇAMUR            |                        |                   |
| 15           | 17046027 | MELİKE NAS                 | GeoEye-1               | 10 Mayıs 2022     |
|              | 17046029 | FADİMANA ÖZLEM SEVER       |                        |                   |
| 16           | 17046030 | BERK SOYDAN                | GÖKTÜRK-2              | 10 Mayıs 2022     |
|              | 17046031 | SAFTER BAŞAR               |                        |                   |
| 17           | 17046033 | YAĞMUR FURKAN DAĞISTAN     | Ikonos                 | 10 Mayıs 2022     |
|              | 17046034 | ENES GÜLTEKİN              |                        |                   |
| 18           | 17046035 | MELİH MAVİ                 | IRS-1 C/D              | 10 Mayıs 2022     |
|              | 17046038 | HAZAL SU ÖZTÜRK            |                        |                   |
| 19           | 17046039 | MUSTAFA SABAHATTİN AKDEMİR | IRS-P6 (Resourcesat-1) | 10 Mayıs 2022     |
|              | 17046042 | ONUR AKKUŞ                 |                        |                   |
| 20           | 17046046 | HALİME ALAY                | IRS - Resourcet-2      | 17 Mayıs 2022     |
|              | 17046047 | ANIL POLAT                 |                        |                   |
| 21           | 17046052 | ESRA ÇAM                   | JERS1                  | 17 Mayıs 2022     |
|              | 17046053 | YUSUF ALPEREN BOZKURT      |                        |                   |
| 22           | 17046057 | HARUN UÇAK                 | KOMPSat-1-5            | 17 Mayıs 2022     |
|              | 17046058 | HAYDAR GÖZE                |                        |                   |
| 23           | 17046059 | TUTKU TAŞKIN               | KVR-1000               | 17 Mayıs 2022     |
|              | 17046061 | PINAR YASEMİN BAKAR        |                        |                   |

| Group Number | Number   | Name, Surname            | Subject             | Presentation Date |
|--------------|----------|--------------------------|---------------------|-------------------|
| 24           | 17046063 | AHMET MERTOĞLU           | GÖKTÜRK-1           | 17 Mayıs 2022     |
|              | 17046064 | MEHMET GÖKSENİN PALA     |                     |                   |
| 25           | 17046066 | İSMAİL HAKKI SUSAM       | LANDSAT-1-6         | 17 Mayıs 2022     |
|              | 17046072 | ZEYNEP ÇELİK             |                     |                   |
| 26           | 17046075 | SEDA GÜMÜŞ               | Landsat 7-8         | 17 Mayıs 2022     |
|              | 17046077 | ECE ALKAN                |                     |                   |
| 27           | 17046079 | BÜŞRA BALCI              | Orbview 1-2         | 17 Mayıs 2022     |
|              | 17046080 | BETÜL NUR GÖKÇE          |                     |                   |
| 28           | 17046084 | NURŞEN UÇARKUŞ           | OrbView-3-4         | 10 Mayıs 2022     |
|              | 17046086 | SEMANUR KÖSE             |                     |                   |
| 29           | 17046087 | DUYGU ÇAĞLA ALAŞABANOĞLU | Pléiades 1A-1B      | 17 Mayıs 2022     |
|              | 17046088 | MURAT TEKİN              |                     |                   |
| 30           | 17046091 | TAYYİBE ALEYNA ÖZDEMİR   | Quickbird-2         | 24 Mayıs 2022     |
|              | 17046093 | MEHMET TÜRKMEN           |                     |                   |
| 31           | 17046094 | CİHAN GÖKSAL             | RADARSAT-1,2        | 24 Mayıs 2022     |
|              | 17046095 | MEHMET EMİN CEYHAN       |                     |                   |
| 32           | 17046099 | YUNUS YILDIRIM           | RapidEye            | 24 Mayıs 2022     |
|              | 17046100 | NUR EBRAR SADIKOĞLU      |                     |                   |
| 33           | 17046102 | SİNAN BUDALAN            | RASAT               | 24 Mayıs 2022     |
|              | 17046104 | ELİF ALKAN               |                     |                   |
| 34           | 17046705 | YUNUS ALP                | SPOT-1-5            | 24 Mayıs 2022     |
|              | 17046903 | AYSEL NUR DEMİR          |                     |                   |
| 35           | 18046009 | İDRİS DEMİRCİ            | SPOT 6 & 7          | 24 Mayıs 2022     |
|              | 18046016 | SAMET TEFİK ÖZKAN        |                     |                   |
| 36           | 18046024 | OĞUZHAN İZDEVEN          | TERRASAR-X          | 24 Mayıs 2022     |
|              | 18046031 | YUNUS EMRE ÖNDER         |                     |                   |
| 37           | 18046036 | ZEKİ ERÇİN               | TanDEM-X            | 24 Mayıs 2022     |
|              | 18046038 | DİLAY TURAN              |                     |                   |
| 38           | 18046041 | BERAT KORKUT             | Terra (ASTER-MODIS) | 24 Mayıs 2022     |
|              | 18046044 | MUSTAFA TOLGAHAN ÇOBAN   |                     |                   |
| 39           | 18046048 | CEREN EDİS               | TOPSAT              | 24 Mayıs 2022     |
|              | 18046051 | ŞAFAK METİN              |                     |                   |
| 40           | 18046058 | DİLARA DEMİR             | Worldview-1-3       | 31 Mayıs 2022     |
|              | 18046059 | EMRE BERK ONGAN          |                     |                   |
| 41           | 18046062 | MEHMET MURAT DAĞDENİZ    | TIROS               | 31 Mayıs 2022     |
|              | 18046066 | ZEHRA BEYZA ACAR         |                     |                   |
| 42           | 18046067 | ABDULLAH RAŞİD GÜN       | SENTINEL (1-6)      | 31 Mayıs 2022     |
|              | 18046071 | YİĞİTHAN ÇAKIBEY         |                     |                   |
| 43           | 18046076 | KÜBRA AYDIN              | GOES,8-15           | 31 Mayıs 2022     |
|              | 18046077 | İSA ALTUĞ                |                     |                   |
| 44           | 18046085 | HÜSEYİN RIDVAN SÖYLER    | NOAA AVHRR          | 31 Mayıs 2022     |
|              | 18046086 | SEVİM ATAK               |                     |                   |
| 45           | 18046088 | BARTU DAĞHAN ULUŞAHİN    | INSAT               | 31 Mayıs 2022     |
|              | 18046099 | BURAK DEMİR DEMİRHAN     |                     |                   |
| 46           | 18046103 | MELİSA AŞKIN             | MOS                 | 31 Mayıs 2022     |
|              | 18046701 | MUHAMMED HASAN ŞAHİN     |                     |                   |
| 47           | 18046706 | MUHAMMET MALİK AKYAZICI  | SeaWiFS             | 31 Mayıs 2022     |
|              | 18046802 | BAHAR KOSOVA             |                     |                   |

| Group Number | Number   | Surname      |  | Subject        | Presentation Date |
|--------------|----------|--------------|--|----------------|-------------------|
| 48           | 19046044 | NUR DİNDAR   |  | ICESat, 1-2    | 31 Mayıs 2022     |
|              | 19046063 | ELİF ORAL    |  |                |                   |
| 49           | 20046601 | GÖRKEM BULUT |  | Jason-1        | 31 Mayıs 2022     |
|              | 20046602 | ESRA ÇIRAY   |  |                |                   |
| 50           |          |              |  | SRTM           |                   |
|              |          |              |  |                |                   |
| 51           |          |              |  | CloudSat       |                   |
|              |          |              |  |                |                   |
| 52           |          |              |  | GRACE          |                   |
|              |          |              |  |                |                   |
| 53           |          |              |  | GÖKTÜRK-1      |                   |
|              |          |              |  |                |                   |
| 54           |          |              |  | SENTINEL (1-6) |                   |
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