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@InProceedings{REIS2020,
author="dos Reis, Alexandre Soares
and Gielen, Elien
and Wopereis, Ko
and Pasternak, Marcel
and Soo{\"a}{\"a}r, Vaido
and Schneider, Tobias
and Duarte, Abel J.
and Malheiro, Benedita
and Justo, Jorge
and Ribeiro, Cristina
and Silva, Manuel F.
and Ferreira, Paulo
and Guedes, Pedro",
editor="Silva, Manuel F.
and Lu{\'i}s Lima, Jos{\'e}
and Reis, Lu{\'i}s Paulo
and Sanfeliu, Alberto
and Tardioli, Danilo",
title="Smart Companion Pillow -- An EPS@ISEP 2019 Project",
booktitle="Robot 2019: Fourth Iberian Robotics Conference",
year="2020",
publisher="Springer International Publishing",
address="Cham",
pages="465--476",
abstract="This paper describes the design and development of a Smart
Companion Pillow, named bGuard, designed by a multinational and
multidisciplinary team enrolled in the European Project Semester (EPS) at
Instituto Superior de Engenharia do Porto (ISEP) in the spring of 2019.
Nowadays, parents spend most of the day at work and become naturally worried
about the well-being of their young children, specially babies. The aim of
bGuard is to provide a 24-hour remotely accessible baby monitoring service,
contributing to reduce parenting stress. The team, based on the survey of
related products, as well as on marketing, sustainability, ethics and
deontology analyses, developed a remotely interactive Smart Companion Pillow
to monitor the baby's health and room air quality. The collected data, once
it is saved on an Internet of Things (IoT) platform, becomes remotely
accessible. The bGuard pillow, thanks to its shape, reduces the risk of the
baby rolling from back to tummy, lowering the risk of Sudden Infant Death
Syndrome (SIDS).",
isbn="978-3-030-36150-1"
}

@article{LEE2018,
title = "Design and Implementation of Monitoring System Architecture for
Smart Bicycle Platform",
journal = "Procedia Computer Science",
volume = "134",
pages = "464 - 469",
year = "2018",
note = "The 15th International Conference on Mobile Systems and Pervasive
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Computing (MobiSPC 2018) / The 13th International Conference on Future
Networks and Communications (FNC-2018) / Affiliated Workshops",
issn = "1877-0509",
doi = "https://doi.org/10.1016/j.procs.2018.07.182",
url = "http://www.sciencedirect.com/science/article/pii/S1877050918311475",
author = "YeongKyun Lee and Jongpil Jeong",
keywords = "Remote monitoring, Wireless sensor network, Smart phone based
monitoring, Bicycle monitoring",
abstract = "This paper proposes the smart phone as a central monitoring
device for the bicycle and the WIFI network as a communication channel
between the smart phone and the sensors. It will show how to implement the
sensor boards with WIFI and relevant firmware, the software on the smart
phone to communicate with the sensor boards and the evaluation results with
the open source software called Goldencheetah. The knowledge in this paper
is not limited to bicycles but can be expanded to any other monitoring
systems using the remote sensors based on smart phone."
}

@article{RANJITH2020,
title = "Prediction of Exhaust Gas Emission characteristics using Neem oil
blended bio- diesel in diesel engine",
journal = "Materials Today: Proceedings",
volume = "21",
pages = "870 - 875",
year = "2020",
note = "International Conference on Recent Trends in Nanomaterials for
Energy, Environmental and Engineering Applications",
issn = "2214-7853",
doi = "https://doi.org/10.1016/j.matpr.2019.07.706",
url = "http://www.sciencedirect.com/science/article/pii/S2214785319329116",
author = " Ranjith and V. Velmurugan and S. Thanikaikarasan",
keywords = "Accelerometer, Diesel engine, Neem oil, Renewable, Alternative,
Viscosity, Volatility",
abstract = "As a renewable, sustainable and alternative fuel for diesel
engine, biodiesel instead of diesel has been increasingly fuelled to study
its effects on engine performances and emissions. Biodiesel production is a
modern and technological area for researchers due to constant increase in
the prices of petroleum, diesel, and environmental advantages. Increased
environmental awareness and depletion of resources are driving industry to
develop viable alternative fuels from renewable resources that are
environmentally more acceptable. Neem oil is a potential alternative fuel.
The most detrimental properties of neem oils are its high viscosity and low
volatility, and these cause several problems during their long duration
usage in diesel engines. From the review it is found that the use of
biodiesel leads to the substantial reduction in CO2, HC, CO and NOx
emissions."
}

@article{SOBHANI2018,
title = "Impact of smartphone distraction on pedestriansâ€™ crossing
behaviour: An application of head-mounted immersive virtual reality",
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journal = "Transportation Research Part F: Traffic Psychology and
Behaviour",
volume = "58",
pages = "228 - 241",
year = "2018",
issn = "1369-8478",
doi = "https://doi.org/10.1016/j.trf.2018.06.020",
url = "http://www.sciencedirect.com/science/article/pii/S1369847818300998",
author = "Anae Sobhani and Bilal Farooq",
keywords = "Head-mounted immersive virtual reality, Pedestrian, Distracted
street crossing, Multi-tasking, Smartphone use, Surrogate analysis, Smart
LED lights safety treatment",
abstract = "A novel head-mounted virtual immersive/interactive reality
environment (VIRE) is utilized to evaluate the behaviour of participants in
three pedestrian road crossing conditions while 1) not distracted, 2)
distracted with a smartphone, and 3) distracted with a smartphone with a
virtually implemented safety measure on the road. Forty-two volunteers
participated in our research who completed thirty successful (complete
crossing) trials in blocks of ten trials for each crossing condition. For
the two distracted conditions, pedestrians are engaged in a maze-solving
game on a virtual smartphone, while at the same time checking the traffic
for a safe crossing gap. For the proposed safety measure, smart flashing and
color changing LED lights are simulated on the crosswalk to warn the
distracted pedestrian who initiates crossing. Surrogate safety measures as
well as speed information and distraction attributes such as direction and
orientation of participantâ€™s head were collected and evaluated by
employing a Multinomial Logit (MNL) model. Results from the model indicate
that females have more dangerous crossing behaviour especially in distracted
conditions; however, the smart LED treatment reduces this negative impact.
Moreover, the number of times and the percentage of duration the head was
facing the smartphone during a trial and a waiting time respectively
increase the possibility of unsafe crossings; though, the proposed treatment
reduces the safety crossing rate. Hence, our study shows that the smart LED
light safety treatment indeed improves the safety of distracted pedestrians
and enhances the successful crossing rate."
}

@article{OBAYASHI2020,
title = "Pilot and Feasibility Study on Elderly Support Services Using
Communicative Robots and Monitoring Sensors Integrated With Cloud Robotics",
journal = "Clinical Therapeutics",
year = "2020",
issn = "0149-2918",
doi = "https://doi.org/10.1016/j.clinthera.2020.01.001",
url = "http://www.sciencedirect.com/science/article/pii/S0149291820300278",
author = "Kazuko Obayashi and Shigeru Masuyama",
keywords = "activities of daily living, cloud robotics, communicative robot,
elderly care, robotics utilization, support services",
abstract = "Purpose
This pilot before-after study investigated the possible effects of
communicative robots, used with a sensing system supported by cloud
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robotics, in caring for elderly people.
Methods
Two elderly women in nursing homes and 4 care workers participated in the
trial. The overnight life rhythm assessments of the study participants and
care workers were surveyed to determine when and how the robots should be
integrated into care. The system consisted of the robot Sota, a noncontact
vital sensor and a sheet-shaped bed sensor. Real-time sensing data and
conversations between the participants and robots were sent to the servers,
prompting a quick verbal response by the robot supported by cloud robotics.
Findings
Care workers devoted 3 h to the maintenance of records during their most
stressful periods. Automatic recording of vital information using robot
sensors can improve the quality of nursing care work. Care workers' stress
levels were maximized when responding to nurse calls. Temporary responses to
nurse calls by the robots may help to effectively reduce the burden on
nursing care workers. Robots can stimulate elderly people to communicate
more with others (P < 0.05). Appropriate vocalization by communicative
robots may prevent the deterioration of quality of life in elderly
individuals.
Implications
Communicative robots, used with a sensing system, may stimulate elderly
people to activate a communication link with others and help care workers to
effectively reduce the burden during the night shift. A follow-up study
involving a broader research program on communicative robots and elderly
care would be beneficial."
}

@article{THAPA2019,
title = "Study on the wintry thermal improvement of makeshift shelters built
after Nepal earthquake 2015",
journal = "Energy and Buildings",
volume = "199",
pages = "62 - 71",
year = "2019",
issn = "0378-7788",
doi = "https://doi.org/10.1016/j.enbuild.2019.06.031",
url = "http://www.sciencedirect.com/science/article/pii/S0378778819306309",
author = "Rita Thapa and Hom Bahadur Rijal and Masanori Shukuya and Hikaru
Imagawa",
keywords = "Nepal, Earthquake, Temporary shelters, Indoor air temperature,
Thermal insulation, Thermal improvement",
abstract = "After massive earthquake 2015, thousands of Nepalese who lost
their permanent houses by the hardest hits were forced to live in makeshift
temporary shelters. The field measurement on indoor thermal environment in
five shelters was conducted in one of the district hit by the earthquake,
Lalitpur, in winter. The mean indoor and outdoor air temperatures during the
measured nighttime were found to be 10.3 °C and 7.6 °C, respectively, and
the nocturnal indoor air temperature remained below the lowest acceptable
temperature of 11 °C. This result assured that these shelters are not good
for winter and must create various problems. We therefore analyzed the
thermal characteristics of those shelters based on the measured results in
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order to seek a possible improvement. The total heat loss coefficient
estimated per floor area in five shelters ranged from 11.3 to 15.2 W/(m2·K);
that is thermal insulation was very low. We made a simple numerical analysis
on the variation of indoor air temperature with the assumption of improved
thermal characteristics and thereby found that it needs to be reduced about
2~7 W/(m2·K) to have the indoor air temperature higher than 11 °C for 70% of
the whole nocturnal hours. Such reduction of heat loss was found to be
realized by adding affordable materials, e.g., cellular polyethylene foam
and clothes for respective walls and roof. Thus, the knowledge obtained from
this study should hopefully be applied to actual improvement of indoor
thermal environment in existing shelters and also to a development for the
preparation against future disaster."
}

@MISC{ref2me,
  author = {MySelf},
  editor = {The Publisher},
  title = {The paper title},
  titleaddon = {Title add on},
  subtitle = {Subtitle},
  date = {Today},
  month = {Month},
  year = {2017},
  howpublished = {How published},
  type = {Type},
  version = {Version},
  language ={English},
  note = {Note},
  location = {Location},
  url ={http://wwww.myurl.com},
  urldate = {URL date},
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  eprinttype = {eprinttype},
  isbn = {isbn},
  address = {[Accessed in April 2021]},
  organization = {The organization},
  booktitle    = {The title of the book},
}

@MISC{gartner2021,
  author  = "{Gartner}",
  title   = "{Gartner Magic Quadrant for Data Science and Machine Learning
Platforms}",
  url     = "{https://www.gartner.com/en/documents/3998753}",
  urldate = "{March 2021}",
  year    = "{2021}",
  address = "{[Accessed in April 2021]}",
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}


@MISC{android41,
  author  = "{Android Open Source Project}",
  title   = "{Android Developers: Android 4.1 APIs}. January 2015. [Accessed
in April, 2017]",
  url     =
"{http://developer.android.com/about/versions/android-4.1.html}",
  urldate = "{May 2014}",
  year    = "{2014}",
  address = "{[Accessed in April 2017]}",
}

@MISC{cloudexpo2008,
  AUTHOR  = "{Cloud Expo}",
  title   = "{Twenty-One Experts Define Cloud Computing}",
  url     = "{http://cloudcomputing.sys-con.com/node/612375}",
  urldate = "{October 2013}",
  year    = "{2008}",
  address = "{[Accessed in April 2021]}",
}

@BOOK{bandyopadhyay2013unsupervised,
  title={Unsupervised Classification: Similarity Measures, Classical and
Metaheuristic Approaches, and

Applications},
  author={Bandyopadhyay, Sanghamitra and Saha, Sriparna},
  year={2013},
  publisher={Springer}
}

@ARTICLE{llorente2009virtual,
  author  ="{Sotomayor, B. and Montero, Ruben S. and Llorente, I.M. and
Foster, I.}",
  journal ="Internet Computing, IEEE}",
  title   ="{Virtual Infrastructure Management in Private and Hybrid
Clouds}",
  year    ="{2009}",
  month   ="{Sept}",
  volume  ="{13}",
  number  ="{5}",
  pages   ="{14-22}",
}

@article{Mulder2013428,
title = "Development of a Motion System for an Advanced Sailing Simulator ",
journal = "Procedia Engineering ",
volume = "60",
number = "0",
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pages = "428 - 434",
year = "2013",
note = "6th Asia-Pacific Congress on Sports Technology (APCST) ",
issn = "1877-7058",
doi = "http://dx.doi.org/10.1016/j.proeng.2013.07.030",
url = "http://www.sciencedirect.com/science/article/pii/S1877705813010813",
author = "Fabian A. Mulder and Jouke C. Verlinden",
keywords = "Sailing",
keywords = "Dinghy",
keywords = "Virtual reality",
keywords = "Training simulation",
keywords = "Force feedback ",
abstract = "Abstract To train competitive sailing in a virtual setting,
motion of the boat as well as haptic feedback of the sail lines is
essential. When discussing virtual environments (VEs) the concept of
presence is often used. In this study we develop a sailing simulator motion
system to research what factors contribute to the participants' sensation of
presence when sailing in a VE. The developed simulator includes the
development of a mainsheet force feedback system and a novel motion
platform, connected to a high-quality graphics sailing simulation. In future
research, the developed system will be used to study which sail training
type can be performed in simulated environments, and if the system can be
used as a valid testbed for perception-action experiments. "
}

@MISC{2006/42/CE 2006-05-17,
  AUTHOR  = "{European commision}",
  TITLE   = "{Machinery}",
  URL     =
"{https://ec.europa.eu/growth/sectors/mechanical-engineering/machinery_en}",
  YEAR    = "{2017}",
  ADDRESS = "{[Accessed in March 2022]}",
}

@MISC{2004/108/EC 2004 12 15,
  AUTHOR  = "{European commision}",
  TITLE   = "{Electromagnetic Compatibility (EMC) Directive}",
  URL     =
"{https://ec.europa.eu/growth/sectors/electrical-and-electronic-engineering-
industries-eei/electromagnetic-compatibility-emc-directive_en}",
  YEAR    = "{2017}",
  ADDRESS = "{[Accessed in March 2022]}",
}

@MISC{2014/35/EU 2016-04-20,
  AUTHOR  = "{European commision}",
  TITLE   = "{Low Voltage Directive}",
  URL     =
"{https://ec.europa.eu/growth/sectors/electrical-and-electronic-engineering-
industries-eei/low-voltage-directive-lvd_en}",
  YEAR    = "{2016}",
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  ADDRESS = "{[Accessed in March 2022]}",
}

@MISC{2014/53/EU 2014-04-16,
  AUTHOR  = "{European commision}",
  TITLE   = "{Radio Equipment Directive (RED)}",
  URL     =
"{https://ec.europa.eu/growth/sectors/electrical-and-electronic-engineering-
industries-eei/radio-equipment-directive-red_en}",
  YEAR    = "{2011}",
  ADDRESS = "{[Accessed in March 2022]}",
}

@MISC{2002/95/EC 2003-01-27,
  AUTHOR  = "{European commision}",
  TITLE   = "{Restriction of Hazardous Substances in Electrical and
Electronic Equipment (RoHS)}",
  URL     =
"{https://ec.europa.eu/environment/topics/waste-and-recycling/rohs-directive
_en}",
  YEAR    = "{2011}",
  ADDRESS = "{[Accessed in March 2022]}",
}

@MISC{Nace2017,
  AUTHOR  = "{Nace, T.}",
  title   = "{Humanity Has Officially Consumed More Than Earth Can Produce
This Year}",
  url     =
"{https://www.forbes.com/sites/chadorzel/2019/07/08/why-study-science-the-sa
me-reason-you-would-study-anything-else/?}",
  year    = "{2017}",
  address = "{[Accessed in March 2022]}",
}

@MISC{Shields2017,
  AUTHOR  = "{Shields, B.}",
  title   = "{Fish farming pros & cons}",
  url     = "{https://animals.mom.com/fish-farming-pros-cons-4382207.html}",
  year    = "{2017}",
  address = "{[Accessed in March 2022]}",
}

@article{Botaro2011,
  AUTHOR = "{Botaro, D., Machado Torres, J.P., Malm, O., Freitas Rebelo, M.,
Henkelmann, B., and Schramm, K.W.}",
  TITLE = "{Organochlorine pesticides residues in feed and muscle of farmed
Nile tilapia from Brazilian fish farms}",
  JOURNAL = "{Food and Chemical Toxicology}",
  VOLUME = "{49}",
  YEAR = "{2011}",
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  NUMBER = "{9}",
  ARTICLE-NUMBER = {1016},
  URL =
{https://www.sciencedirect.com/science/article/pii/S0278691511002390},
  ISSN = {0278-6915},
  ABSTRACT = "{Organochlorine pesticide (OCP) concentrations were determined
in fish muscle and feed collected from four different fish farms in Brazil.
Nile tilapia from two growth stages, juveniles and adults, collected at two
intensive tanks farms (IT1 and IT2) and two net cage farms (NC1 and NC2),
were analyzed by High Resolution Gas Chromatography/High Resolution Mass
Spectrometry. Pesticides were detected in almost all samples, but no samples
exceeded international maximum limits for safe fish consumption. ΣDDT was
the predominant pesticide in fish muscle, found in all fish samples, and
endosulfan was the most predominant pesticide in feed, found in all feed
samples. No significant correlation (p > 0.05) was observed between the
different growth stages and OCP concentrations, although slightly higher OCP
concentrations were observed in adults. Among the rearing systems, NC farmed
fish presented higher lipid levels and, consequently, higher OCP
concentrations than fish from IT farms. Some OCPs (ΣHCH, aldrin, dieldrin
and endrin) presented strong positive correlations (p < 0.05) between feed
and fish muscle concentrations, while others (ΣDDT, mirex, chlordane, ΣHCB
and endosulfan) presented no correlation. However, the low levels of the sum
of contaminants found in most of the feed samples may explain the low
contaminant levels in fish tissue.}",
  DOI = "{10.1016/j.fct.2011.05.027}",
}

@article{Olsvik2019,
  AUTHOR = "{Olsvik, P.A., Larsen, A.K., Berntssen, M.H.G., Goksøyr, A.,
Karlsen, O.A., Yadetie, F., Sanden, M. and Kristensen, T.}",
  TITLE = "{Effects of Agricultural Pesticides in Aquafeeds on Wild Fish
Feeding on Leftover Pellets Near Fish Farms}",
  JOURNAL = "{Frontiers in Genetics}",
  VOLUME = "{10}",
  YEAR = "{2019}",
  NUMBER = "{0}",
  ARTICLE-NUMBER = {794},
  URL =
{https://www.frontiersin.org/articles/10.3389/fgene.2019.00794/full},
  ISSN = {1664-8021},
  ABSTRACT = "{Screening has revealed that modern-day feeds used in Atlantic
salmon aquaculture might contain trace amounts of agricultural pesticides.
To reach slaughter size, salmon are produced in open net pens in the sea.
Uneaten feed pellets and undigested feces deposited beneath the net pens
represent a source of contamination for marine organisms. To examine the
impacts of long-term and continuous dietary exposure to an organophosphorus
pesticide found in Atlantic salmon feed, we fed juvenile Atlantic cod (Gadus
morhua), an abundant species around North Atlantic fish farms, three
concentrations (0.5, 4.2, and 23.2 mg/kg) of chlorpyrifos-methyl (CPM) for
30 days. Endpoints included liver and bile bioaccumulation, liver
transcriptomics and metabolomics, as well as plasma cholinesterase activity,
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cortisol, liver 7-ethoxyresor-ufin-O-deethylase activity, and hypoxia
tolerance. The results show that Atlantic cod can accumulate relatively high
levels of CPM in liver after continuous exposure, which is then metabolized
and excreted via the bile. All three exposure concentrations lead to
significant inhibition of plasma cholinesterase activity, the primary target
of CPM. Transcriptomics profiling pointed to effects on cholesterol and
steroid biosynthesis. Metabolite profiling revealed that CPM induced
responses reflecting detoxification by glutathione-S-transferase, inhibition
of monoacylglycerol lipase, potential inhibition of carboxylesterase, and
increased demand for ATP, followed by secondary inflammatory responses. A
gradual hypoxia challenge test showed that all groups of exposed fish were
less tolerant to low oxygen saturation than the controls. In conclusion,
this study suggests that wild fish continuously feeding on leftover pellets
near fish farms over time may be vulnerable to organophosphorus
pesticides.}",
  DOI = "{10.3389/fgene.2019.00794}",
}

@article{AdarmeVega2012,
  AUTHOR = "{Adarme-Vega, T. C., Lim, D. K., Timmins, M., Vernen, F., Li, Y.
and Schenk, P.M.}",
  TITLE = "{Microalgal biofactories: a promising approach towards
sustainable omega-3 fatty acid production}",
  JOURNAL = "{Microbial cell factories}",
  VOLUME = "{11}",
  YEAR = "{2012}",
  NUMBER = "{96}",
  ARTICLE-NUMBER = {2859},
  URL = {https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3465194/},
  ISSN = {2283-0315},
  ABSTRACT = "{Omega-3 fatty acids eicosapentaenoic acid (EPA) and
docosahexaenoic acid (DHA) provide significant health benefits and this has
led to an increased consumption as dietary supplements. Omega-3 fatty acids
EPA and DHA are found in animals, transgenic plants, fungi and many
microorganisms but are typically extracted from fatty fish, putting
additional pressures on global fish stocks. As primary producers, many
marine microalgae are rich in EPA (C20:5) and DHA (C22:6) and present a
promising source of omega-3 fatty acids. Several heterotrophic microalgae
have been used as biofactories for omega-3 fatty acids commercially, but a
strong interest in autotrophic microalgae has emerged in recent years as
microalgae are being developed as biofuel crops. This paper provides an
overview of microalgal biotechnology and production platforms for the
development of omega-3 fatty acids EPA and DHA. It refers to implications in
current biotechnological uses of microalgae as aquaculture feed and future
biofuel crops and explores potential applications of metabolic engineering
and selective breeding to accumulate large amounts of omega-3 fatty acids in
autotrophic microalgae.}",
  DOI = "{10.1186/1475-2859-11-96}",
}

@MISC{Meyer2013,
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  AUTHOR  = "{John R. Meyer}",
  title   = "{Symbiosis}",
  url     =
"{https://projects.ncsu.edu/cals/course/ent525/close/symbiosis.html}",
  urldate = "{2013}",
  year    = "{2013}",
  address = "{[Accessed in March 2022]}",
}

@article{Bascompte2019,
  AUTHOR = {Bascompte, J.},
  TITLE = {Mutualism and biodiversity},
  JOURNAL = {Current Biolog},
  VOLUME = {29},
  YEAR = {2019},
  NUMBER = {11},
  pages = "467 - 470",
  URL =
{https://www.sciencedirect.com/science/article/pii/S0960982219303902?via%3Di
hub},
  ISSN = {0960-9822},
  DOI = {10.1016/j.cub.2019.03.062},
}

@MISC{Yin2014,
  AUTHOR  = "{Yin, K., Paul J. and Harrison, P.J.}",
  TITLE   = "{Risk analysis of coastal aquaculture: potential effects on
algal blooms}",
  JOURNAL = "{CASE STUDY 6.6}",
  YEAR    = "{2014}",
  URL     =
"{https://www.researchgate.net/publication/29469416_Risk_analysis_of_coastal
_aquaculture_potential_effects_on_algal_blooms}",
  ISSN    = "{1020-4873}",
  ABSTRACT = "{In this case study, waste effluents released from a fish farm
are assessed for their capacity to significantly increase  phytoplankton
production  in  Tolo  Harbour, Hong Kong SAR, China.}"
  ADDRESS = "{[Accessed in March 2022]}",
}

@article{Coldebella2017,
  AUTHOR = "{Coldebella, B., Gentelini, A., Piana, P.A. and Coldebella,
P.F.}",
  TITLE = "{Effluents from Fish Farming Ponds: A View from the Perspective
of Its Main Components}",
  JOURNAL = "{Sustainability}",
  VOLUME = "{10}",
  YEAR = "{2017}",
  NUMBER = "{3}",
  URL =
"{https://www.researchgate.net/publication/321991864_Effluents_from_Fish_Far
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ming_Ponds_A_View_from_the_Perspective_of_Its_Main_Components}",
  ABSTRACT = "{Among the animal protein production activities, world
aquaculture has the highest growth rate, and is mainly practiced in ground-
excavated ponds. However, with great productivity comes the concern about
the increasing generation of effluents, mainly at the moment of fish
removal, when high loads of organic matter and nutrients are released into
the environment. Thus, this study evaluated the quality of effluents through
the principal component analysis (PCA) in samples from nurseries of
different sizes in four sampling scenarios. Analysis was performed during
the process of fish removal in Nile Tilapia intensive fish farming sites at
various properties in the Western region of Paraná State in Brazil. Twenty
physical and chemical parameters were analyzed in each effluent sample using
standard methods of effluent analysis. The results indicated that the
concentrations of Suspended Solids (SS), Total Solids (TS), Chemical Oxygen
Demand (COD), and Total Phosphorus (TP) increased significantly at the end
of the fish removal process, which caused a progressive deterioration in the
effluent released into the environment. Hence, regulating water management
during cultivation, as well as mitigating the effects of effluent generated
in fish removal, is indispensable to maintain the legality, profitability,
and sustainability of this sector.}",
  DOI = "{10.3390/su10010003}",
}

@MISC{Claussen2021,
  AUTHOR  = "{Claussen, K.}",
  TITLE   = "{How to Remove Algae from a Fish Tank}",
  URL     = "{https://pets.webmd.com/how-to-remove-algae-from-fish-
tank#:~:text=Causes%20of%20Algae%20in%20Aquariums,-
Algae%20are%20plants&text=Too%20much%20light%20or%20too,receiving%20too%20mu
ch%20direct%20sunlight}",
  YEAR    = "{2021}",
  ADDRESS = "{[Accessed in March 2022]}",
}

@MISC{Sharpe2020,
  AUTHOR  = "{Sharpe, S.}",
  TITLE   = "{How to Control Aquarium Algae: Causes and Cures for Filmy
Residue on Tank Glass, Rocks}",
  URL     = "{https://www.thesprucepets.com/aquarium-algae-1379979#}",
  YEAR    = "{2020}",
  ADDRESS = "{[Accessed in March 2022]}",
}

@article{Raven2018,
AUTHOR = {Raven, J.A. and Giordano, M.},
TITLE = {The Perspective of Large-Scale Production of Algae Biodiesel},
JOURNAL = {Applied Sciences},
VOLUME = {24},
YEAR = {2018},
NUMBER = {13},
ARTICLE-NUMBER = {R590},
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URL = {https://www.cell.com/action/showPdf?pii=S0960-9822%2814%2900604-6},
ABSTRACT = {Algae frequently get a bad press. Pond slime is a problem in
garden pools, algal blooms can produce toxins that incapacitate or kill
animals and humans and even the term seaweed is pejorative – a weed being a
plant growing in what humans consider to be the wrong place. Positive
aspects of algae are generally less newsworthy – they are the basis of
marine food webs, supporting fisheries and charismatic marine megafauna from
albatrosses to whales, as well as consuming carbon dioxide and producing
oxygen. Here we consider what algae are, their diversity in terms of
evolutionary origin, size, shape and life cycles, and their role in the
natural environment and in human affairs.},
}

@MISC{Vidyasagar2016,
  AUTHOR  = "{Vidyasagar, A.}",
  TITLE   = "{How to Control Aquarium Algae: Causes and Cures for Filmy
Residue on Tank Glass, Rocks}",
  URL     = "{https://www.livescience.com/54979-what-are-algae.html}",
  YEAR    = "{2016}",
  ADDRESS = "{[Accessed in March 2022]}",
}

@article{Smith2019,
AUTHOR = {Smith, A.G., Tredici, M.R. and Boussiba, S.},
TITLE = {The Perspective of Large-Scale Production of Algae Biodiesel},
JOURNAL = {Position Paper},
YEAR = {2019},
URL = {https://www.cell.com/action/showPdf?pii=S0960-9822%2814%2900604-6},
ABSTRACT = {Algae have become a multi-billion sector in terms of
biotechnology development that is expected to grow rapidly, providing
valuable goods and services in multiple applications. In spite of centuries
of scientific and commercial interests, the term algae has not taxonomic
meaning. In the light of rapidly growing business interests associated with
the term algae, a clear, simple definition of algae is not only required,
but essential for developing the necessary standards, regulatory and legal
issues.
This paper aims to explain 'what are algae' and how to answer the most
relevant questions to different players interested in the field, including:
academia, industry,
trade organizations, consumers, business investors, local, national
authorities, international organizations and any other interested parties or
stakeholders. This position paper represents the position of EABA as the
Algae Biomass sector Association from a European perspective and summarizes
information from science, technology and business dealing with 'algae'
biomass, biotechnology and bioproducts.},
}

@MISC{KitePowell2018,
  AUTHOR  = "{Kite-Powell, J.}",
  TITLE   = "{See How Algae Could Change Our World}",
  URL     =
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"{https://www.forbes.com/sites/jenniferhicks/2018/06/15/see-how-algae-could-change-our-world/}",
  YEAR    = "{2018}",
  ADDRESS = "{[Accessed in March 2022]}",
}

@MISC{Walker2013,
  AUTHOR  = "{Walker, K.}",
  TITLE   = "{What are Algae Farms?}",
  URL     = "{https://www.azocleantech.com/article.aspx?ArticleID=448}",
  YEAR    = "{2013}",
  ADDRESS = "{[Accessed in March 2022]}",
}

@MISC{Gohmann2021,
  AUTHOR  = "{Gohmann, K.}",
  TITLE   = "{What are Algae Farms?}",
  URL     = "{https://www.wikihow.com/Grow-Algae}",
  YEAR    = "{2021}",
  ADDRESS = "{[Accessed in March 2022]}",
}

@MISC{Han2019,
  AUTHOR  = "{Han, G.}",
  TITLE   = "{The Coral Indoor Micro-Algae Farm}",
  JOURNAL = {Technology},
  URL     = "{https://www.wikihow.com/Grow-Algae}",
  YEAR    = "{2019}",
  ADDRESS = "{[Accessed in March 2022]}",
}

@article{Bosnjakovic2020,
AUTHOR = {Bošnjaković, M. and Sinaga, N.},
TITLE = {The Perspective of Large-Scale Production of Algae Biodiesel},
JOURNAL = {Applied Sciences},
VOLUME = {10},
YEAR = {2020},
NUMBER = {22},
ARTICLE-NUMBER = {8181},
URL = {https://www.mdpi.com/2076-3417/10/22/8181},
ISSN = {2076-3417},
ABSTRACT = {We have had high expectations for using algae biodiesel for many years, but the quantities of biodiesel currently produced from algae are tiny compared to the quantities of conventional diesel oil. Furthermore, no comprehensive analysis of the impact of all factors on the market production of algal biodiesel has been made so far. This paper aims to analyze the strengths, weaknesses, opportunities, and threats associated with algal biodiesel, to evaluate its production prospects for the biofuels market. The results of the analysis show that it is possible to increase the efficiency of algae biomass production further. However, because the production of this biodiesel is an energy-intensive process, the price of biodiesel is high.
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Opportunities for more economical production of algal biodiesel are seen in
integration with other processes, such as wastewater treatment, but this
does not ensure large-scale production. The impact of state policies and
laws is significant in the future of algal biodiesel production. With
increasingly stringent environmental requirements, electric cars are a
significant threat to biodiesel production. By considering all the
influencing factors, it is not expected that algal biodiesel will gain an
essential place in the fuel market.},
DOI = {10.3390/app10228181},
}

@article{Rawat2022,
AUTHOR = {Rawat, J., Gupta, P.K., Pandit, S., Priya, K., Agarwal, D., Pant,
M., Thakur, V.K. and Pande, V.},
TITLE = {Latest Expansions in Lipid Enhancement of Microalgae for Biodiesel
Production: An Update},
JOURNAL = {Energie},
VOLUME = {15},
YEAR = {2022},
NUMBER = {4},
ARTICLE-NUMBER = {1550},
URL = {https://www.mdpi.com/1996-1073/15/4/1550/htm},
ISSN = {1996-1073},
ABSTRACT = {Research progress on sustainable and renewable biofuel has
gained motion over the years, not just due to the rapid reduction of
dwindling fossil fuel supplies but also due to environmental and potential
energy security issues as well. Intense interest in microalgae
(photosynthetic microbes) as a promising feedstock for third-generation
biofuels has grown over recent years. Fuels derived from algae are now
considered sustainable biofuels that are promising, renewable, and clean.
Therefore, selecting the robust species of microalgae with substantial
features for quality biodiesel production is the first step in the way of
biofuel production. A contemporary investigation is more focused on several
strategies and techniques to achieve higher biomass and triglycerides in
microalgae. The improvement in lipid enhancement in microalgae species by
genetic manipulation approaches, such as metabolic or genetic alteration,
and the use of nanotechnology are the most recent ways of improving the
production of biomass and lipids. Hence, the current review collects up-to-
date approaches for microalgae lipid increase and biodiesel generation. The
strategies for high biomass and high lipid yield are discussed.
Additionally, various pretreatment procedures that may aid in lipid
harvesting efficiency and improve lipid recovery rate are described.},
DOI = {10.3390/en15041550},
}

@article{Saadaoui2021,
AUTHOR = {Saadaoui, I., Rasheed, R., Aguilar, A., Cherif, M., Jabri, H.A.,
Sayadi S. and Manning S.R.},
TITLE = {Microalgal-based feed: promising alternative feedstocks for
livestock and poultry production},
JOURNAL = {Animal Sci Biotechnol},
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VOLUME = {12},
YEAR = {2021},
NUMBER = {76},
ARTICLE-NUMBER = {1550},
URL = {https://jasbsci.biomedcentral.com/articles/10.1186/s40104-021-00593-z#rightslink},
ISSN = {2049-1891},
ABSTRACT = {There is an immediate need to identify alternative sources of high-nutrient feedstocks for domestic livestock production and poultry, not only to support growing food demands but also to produce microalgae-source functional foods with multiple health benefits. Various species of microalgae and cyanobacteria are used to supplement existing feedstocks. In this review, microalgae have been defined as a potential feedstock for domestic animals due to their abundance of proteins, carbohydrates, lipids, minerals, vitamins, and other high-value products. Additionally, the positive physiological effects on products of animals fed with microalgal biomass have been compiled and recommendations are listed to enhance the assimilation of biomolecules in ruminant and nonruminant animals, which possess differing digestive systems. Furthermore, the role of microalgae as prebiotics is also discussed. With regards to large scale cultivation of microalgae for use as feed, many economic trade-offs must be considered such as the selection of strains with desired nutritional properties, cultivation systems, and steps for downstream processing. These factors are highlighted with further investigations needed to reduce the overall costs of cultivation. Finally, this review outlines the pros and cons of utilizing microalgae as a supplementary feedstock for poultry and cattle, existing cultivation strategies, and the economics of large-scale microalgal production.},
DOI = {10.1186/s40104-021-00593-z},
}

@MISC{Jimenez2022,
  AUTHOR  = "{Jiménez, R.S., Karasavvidou, S. and Marangoni, L.}",
  TITLE   = "{Kick-off Meeting Algae & Climate}",
  URL     = "{https://webgate.ec.europa.eu/maritimeforum/en/node/6940}",
  YEAR    = "{2022}",
  ADDRESS = "{[Accessed in March 2022]}",
}

@article{Capelli2010,
AUTHOR = {Capelli, B. and . Cysewski, G.R.},
TITLE = {Potential health benefits of spirulina microalgae},
JOURNAL = {Nutrafoods},
VOLUME = {9},
YEAR = {2010},
NUMBER = {2},
URL = {https://www.researchgate.net/publication/257276871_Potential_health_benefits_of_spirulina_microalgae},
ABSTRACT = {The purpose of this paper is to first describe the species Arthrospira platensis, previously referenced as ‘Spirulina platensis’
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(commonly referred to as ‘Spirulina’), and then to provide a review of the
literature in regards to four main areas of Spirulina research: Immune
system modulation; anti-viral activity; cancer preventive properties, and
cardiovascular benefits. This paper focuses on research done since the year
2000, but references some important work completed before 2000 in certain
cases. All citations are from published journals.},
DOI = {10.1007/BF03223332},
}

@MISC{Algenair2022,
  AUTHOR  = "{Algenair}",
  TITLE   = "{Reduce Carbon Dioxide}",
  URL     =
"{https://algenair.com/pages/what-is-carbon-dioxide-and-how-do-you-reduce-
it}",
  YEAR    = "{2022}",
  ADDRESS = "{[Accessed in March 2022]}",
}

@MISC{Nunez2019,
  AUTHOR  = "{Nunez, C.}",
  TITLE   = "{Carbon dioxide levels are at a record high. Here's what you
need to know}",
  URL     =
"{https://www.nationalgeographic.com/environment/article/greenhouse-gases}",
  YEAR    = "{2019}",
  ADDRESS = "{[Accessed in March 2022]}",
}

@article{Sreenikethanam2021,
AUTHOR = {Sreenikethanam, A. and Bajhaiya, A.},
TITLE = {Algae Based Bio-Plastics: Future of Green Economy},
JOURNAL = {Biorefineries},
YEAR = {2021},
URL = {https://www.intechopen.com/online-first/79623},
ABSTRACT = {Plastic has become one of the most crucial requirements of the
modern-day living. The continuous reliance on the petroleum-based, non-
biodegradable plastics has resulted in increased global environmental damage
and rapid depletion of fossil fuels. Bioplastic, with remarkably similar
properties to petroleum-based plastics is a promising alternative to
overcome these emerging challenges. Despite the fact that algae and
cyanobacteria are feasible alternative source for bio-plastic, there have
been limited studies on strain selection and optimization of culture
conditions for the bio plastic production. Naturally, algae and cynobacteria
can accumulate higher amount of metabolites under stress conditions however
one of the recent study on genetic engineering of Synechocystis sp. coupled
with abiotic stresses showed up to 81% of increase in PHB level in the
transformed lines. This chapter provides summary of various studies done in
the field of algal bio-plastics, including bioplastic properties, genetic
engineering, current regulatory framework and future prospects of
bioplastic. Further the applications of bioplastics in industrial sector as
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well as opportunities and role of bio plastic in green economy are also
discussed},
DOI = {10.5772/intechopen.100981},
}

@article{YiChia2020,
AUTHOR = {Yi Chia, W., Ying Ying Tang, D., Shiong Khoo, K., Kay Lup, A.N.
and Chew, K.W.},
TITLE = {Nature’s fight against plastic pollution: Algae for plastic
biodegradation and bioplastics production},
JOURNAL = {Environmental Science and Ecotechnology},
VOLUME = {4},
YEAR = {2020},
NUMBER = {0},
ARTICLE-NUMBER = {100065},
URL =
{https://www.sciencedirect.com/science/article/pii/S2666498420300570?via%3Di
hub},
ISSN = {2666-4984},
ABSTRACT = {The increased global demand for plastic materials has led to
severe plastic waste pollution, particularly to the marine environment. This
critical issue affects both sea life and human beings since microplastics
can enter the food chain and cause several health impacts. Plastic
recycling, chemical treatments, incineration and landfill are apparently not
the optimum solutions for reducing plastic pollution. Hence, this review
presents two newly identified environmentally friendly approaches, plastic
biodegradation and bioplastic production using algae, to solve the increased
global plastic waste. Algae, particularly microalgae, can degrade the
plastic materials through the toxins systems or enzymes synthesized by
microalgae itself while using the plastic polymers as carbon sources.
Utilizing algae for plastic biodegradation has been critically reviewed in
this paper to demonstrate the mechanism and how microplastics affect the
algae. On the other hand, algae-derived bioplastics have identical
properties and characteristics as petroleum-based plastics, while remarkably
being biodegradable in nature. This review provides new insights into
different methods of producing algae-based bioplastics (e.g., blending with
other materials and genetic engineering), followed by the discussion on the
challenges and further research direction to increase their commercial
feasibility.},
DOI = {10.1016/j.ese.2020.100065},
}

@MISC{Sarkar2018,
  AUTHOR  = "{Sarkar, B.}",
  TITLE   = "{Algae Cosmetics}",
  URL     = "{https://www.patent-art.com/knowledge-center/algae-
cosmetics/}",
  YEAR    = "{2018}",
  ADDRESS = "{[Accessed in March 2022]}",
}
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@MISC{Ainsworth2021,
  AUTHOR  = "{Ainsworth, J.}",
  TITLE   = "{The Benefits of Algae as a Fertilizer}",
  URL     =
"{https://algenair.com/blogs/news/the-benefits-of-algae-as-a-fertilizer}",
  YEAR    = "{2021}",
  ADDRESS = "{[Accessed in March 2022]}",
}

@article{Cinar2020,
AUTHOR = {Cinar, S.O., Kai Chong, Z., Kucuker, M.A., Wieczorek, N., Cengiz,
U. and Kuchta, K.},
TITLE = {Bioplastic Production from Microalgae: A Review},
JOURNAL = {Environmental Research and Public Health},
VOLUME = {17},
YEAR = {2020},
NUMBER = {11},
ARTICLE-NUMBER = {3842},
URL = {https://www.mdpi.com/1660-4601/17/11/3842},
ISSN = {1660-4601},
ABSTRACT = {Plastic waste production around the world is increasing, which
leads to global plastic waste pollution. The need for an innovative solution
to reduce this pollution is inevitable. Increased recycling of plastic waste
alone is not a comprehensive solution. Furthermore, decreasing fossil-based
plastic usage is an important aspect of sustainability. As an alternative to
fossil-based plastics in the market, bio-based plastics are gaining in
popularity. According to the studies conducted, products with similar
performance characteristics can be obtained using biological feedstocks
instead of fossil-based sources. In particular, bioplastic production from
microalgae is a new opportunity to be explored and further improved. The aim
of this study is to determine the current state of bioplastic production
technologies from microalgae species and reveal possible optimization
opportunities in the process and application areas. Therefore, the species
used as resources for bioplastic production, the microalgae cultivation
methods and bioplastic material production methods from microalgae were
summarized},
DOI = {10.3390/ijerph17113842},
}

@MISC{Sharpe2022,
  AUTHOR  = "{Sharpe, S.}",
  TITLE   = "{Bristlenose Pleco Fish Species Profile}",
  URL     = "{https://www.thesprucepets.com/bristlenose-catfish-1380837}",
  YEAR    = "{2022}",
  ADDRESS = "{[Accessed in March 2022]}",
}

@MISC{Woods2018,
  AUTHOR  = "{Woods, R.}",
  TITLE   = "{Siamese Algae Eater: Care, Size, Tank Mates, and Habitat}",
  URL     = "{https://www.fishkeepingworld.com/siamese-algae-eater/}",
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  YEAR    = "{2018}",
  ADDRESS = "{[Accessed in March 2022]}",
}

@MISC{Woods2022,
  AUTHOR  = "{Woods, R.}",
  TITLE   = "{Chinese Algae Eater Care Guide & Species Profile}",
  URL     = "{https://www.fishkeepingworld.com/chinese-algae-eater/}",
  YEAR    = "{2022}",
  ADDRESS = "{[Accessed in March 2022]}",
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@MISC{Woods2019,
  AUTHOR  = "{Woods, R.}",
  TITLE   = "{Otocinclus: Oto Catfish Care Guide & Species Profile}",
  URL     = "{https://www.fishkeepingworld.com/otocinclus/}",
  YEAR    = "{2019}",
  ADDRESS = "{[Accessed in March 2022]}",
}

@MISC{NualgiAquarium2016,
  AUTHOR  = "{NualgiAquarium}",
  TITLE   = "{Otocinclus: Oto Catfish Care Guide & Species Profile}",
  URL     =
"{https://nualgiaquarium.com/best-algae-eaters-freshwater-aquarium/}",
  YEAR    = "{2016}",
  ADDRESS = "{[Accessed in March 2022]}",
}

@MISC{Theaquaponicsource2022,
  AUTHOR  = "{Thaaquaponicsource}",
  TITLE   = "{What is Aquaponics?}",
  URL     = "{https://www.theaquaponicsource.com/what-is-aquaponics/}",
  YEAR    = "{2022}",
  ADDRESS = "{[Accessed in March 2022]}",
}

@BOOK{WithamTechnicalcollege2010unsupervised,
  title={Advanced: Algae Biofuel, renewable energy department},
  author={Witham Technical college},
  year={2010},
  publisher={Witham Technical college}
}

@MISC{Algenair2022,
  AUTHOR  = "{Algenair}",
  TITLE   = "{The aerium}",
  URL     = "{https://algenair.com/products/the-aerium}",
  YEAR    = "{2022}",
  ADDRESS = "{[Accessed in March 2022]}",
}
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@MISC{Canopi2021,
  AUTHOR  = "{Canopi}",
  TITLE   = "{Bloom: Supercharge your health with home-grown spirulina}",
  URL     = "{https://www.growcanopi.com/}",
  YEAR    = "{2021}",
  ADDRESS = "{[Accessed in March 2022]}",
}

@MISC{Smyth2021,
  AUTHOR  = "{Smyth, D.}",
  TITLE   = "{Homemade Seaweed Fertilizer}",
  URL     =
"{https://homeguides.sfgate.com/homemade-seaweed-fertilizer-39822.html}",
  YEAR    = "{2021}",
  ADDRESS = "{[Accessed in March 2022]}",
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@MISC{Wrike2022,
  AUTHOR  = "{Wrike}",
  TITLE   = "{What Is Scope in Project Management?}",
  URL     =
"{https://www.wrike.com/project-management-guide/faq/what-is-scope-in-projec
t-management/}",
  YEAR    = "{2022}",
  ADDRESS = "{[Accessed in March 2022]}",
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@MISC{Kissflow2022,
  AUTHOR  = "{Kissflow}",
  TITLE   = "{What is Project Scope Management and Why is it Important?}",
  URL     = "{https://kissflow.com/project/project-scope-management/}",
  YEAR    = "{2022}",
  ADDRESS = "{[Accessed in March 2022]}",
}


@MISC{Duke2022,
  AUTHOR  = "{Duke, R.}",
  TITLE   = "{What is a Work Breakdown Structure?}",
  URL     = "{https://www.workbreakdownstructure.com/}",
  YEAR    = "{2022}",
  ADDRESS = "{[Accessed in March 2022]}",
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@MISC{Wrike2021,
  AUTHOR  = "{Wrike}",
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  TITLE   = "{What is Time Management in Project Management?}",
  URL     =
"{https://www.wrike.com/project-management-guide/faq/what-is-time-management
-in-project-management/}",
  YEAR    = "{2021}",
  ADDRESS = "{[Accessed in March 2022]}",
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@MISC{Ecosys2022,
  AUTHOR  = "{Ecosys}",
  TITLE   = "{Project Cost Management: Steps, Basics and Benefits}",
  URL     = "{https://www.ecosys.net/knowledge/project-cost-management/}",
  YEAR    = "{2022}",
  ADDRESS = "{[Accessed in March 2022]}",
}


@MISC{Corporatefinanceinstitute2022,
  AUTHOR  = "{Corporate Finance Institute}",
  TITLE   = "{Quality Management: The act of overseeing different activities
and tasks within an organization to ensure consistent delivery of products
and services}",
  URL     =
"{https://corporatefinanceinstitute.com/resources/knowledge/strategy/quality
-management/}",
  YEAR    = "{2022}",
  ADDRESS = "{[Accessed in March 2022]}",
}


@article{Rajkumar2010,
AUTHOR = {Rajkumar, S.},
TITLE = {Art of communication in project management},
JOURNAL = {Communications Management},
VOLUME = {24},
YEAR = {2010},
URL =
{https://www.pmi.org/learning/library/effective-communication-better-project
-management-6480},
ABSTRACT = {This paper focuses on the importance of communication in project
management. Nothing is more important to the success of a project than
effective communication. More effective communication = Better project
management is obviously known to everyone in project management, but we do
face difficulties in implementing it due to various factors like the nature
of the project, structure of the organization etc. About 90% of the time in
a project is spent on communication by the project manager. If this
continues in a project, there is a danger of missing the deliverables or
other outcomes as required by the sponsor. This paper highlights more
specific details like, what communication means in a project, the steps
required for effective communication, the major obstacles in communication,
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how to overcome obstacles through communication sharing, the importance of communications in diverse work groups and provides a four-step process for effective communication explained with a case study. As all of us know, communication is not an absolute, finite thing. Developing an effective communication plan is explained in steps on how to identify communication requirements: 5Ws (What, Why, Who, Where, When) and 1H (How). Enterprise environmental factors and organizational process assets are also described. So in short, if the steps outlined in this paper are considered and followed, more time would be saved for the project manager. Therefore, he or she can concentrate on other loopholes and successfully complete the project.},
}


@MISC{Michiganstateuniversity2022,
  AUTHOR  = "{Michigan State University}",
  TITLE   = "{Quality Management: The act of overseeing different activities and tasks within an organization to ensure consistent delivery of products and services}",
  URL     = "{https://www.michiganstateuniversityonline.com/resources/supply-chain/what-is-procurement-management/}",
  YEAR    = "{2022}",
  ADDRESS = "{[Accessed in March 2022]}",
}



@MISC{Landau2022,
  AUTHOR  = "{Landau, P.}",
  TITLE   = "{What Is a Stakeholder? Definitions, Types & Examples}",
  URL     = "{https://www.projectmanager.com/blog/what-is-a-stakeholder}",
  YEAR    = "{2022}",
  ADDRESS = "{[Accessed in March 2022]}",
}



@MISC{DarzinSoftware2022,
  AUTHOR  = "{Darzin Software Pty Ltd}",
  TITLE   = "{Quality Management: The act of overseeing different activities and tasks within an organization to ensure consistent delivery of products and services}",
  URL     = "{https://www.darzin.com/stakeholder-management-ultimate-guide/}",
  YEAR    = "{2022}",
  ADDRESS = "{[Accessed in March 2022]}",
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@MISC{Professionalacademy2022,
  AUTHOR  = "{Professional Academy}",
  TITLE   = "{Marketing Theories – PESTEL Analysis}",
  URL     =
"{https://www.professionalacademy.com/blogs/marketing-theories-pestel-analys
is/}",
  YEAR    = "{2022}",
  ADDRESS = "{[Accessed in March 2022]}",
}



@MISC{Oxfordcollegeofmarketing2022,
  AUTHOR  = "{Oxford College of Marketing}",
  TITLE   = "{What is a PESTEL analysis?}",
  URL     =
"{https://blog.oxfordcollegeofmarketing.com/2016/06/30/pestel-analysis/}",
  YEAR    = "{2022}",
  ADDRESS = "{[Accessed in March 2022]}",
}


@MISC{ConsultingAcademy2021,
  AUTHOR  = "{Consulting Academy}",
  TITLE   = "{The McKinsey 7S Model Explained With a Practical Example}",
  URL     =
"{https://consultport.com/consulting-academy/the-mckinsey-7s-model-explained
-with-a-practical-example/}",
  YEAR    = "{2021}",
  ADDRESS = "{[Accessed in March 2022]}",
}


@MISC{Kenton2021,
  AUTHOR  = "{Kenton, W.}",
  TITLE   = "{Strength, Weakness, Opportunity, and Threat (SWOT) Analysis}",
  URL     = "{https://www.investopedia.com/terms/s/swot.asp}",
  YEAR    = "{2021}",
  ADDRESS = "{[Accessed in March 2022]}",
}

@MISC{Writer2021,
  AUTHOR  = "{Writer, P.}",
  TITLE   = "{What is positioning strategy: how does it work}",
  URL     = "{https://paulwriter.com/what-is-positioning-
strategy/#:~:text=A%20positioning%20strategy%20is%20a,positioned%20to%20attr
act%20more%20customers}",
  YEAR    = "{2021}",
  ADDRESS = "{[Accessed in May 2022]}",
}
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@MISC{Srinivas2020,
  AUTHOR  = "{Srinivas, H.}",
  TITLE   = "{Eco-efficiency}",
  URL     = "{https://www.gdrc.org/sustdev/concepts/04-e-effi.html}",
  YEAR    = "{2020}",
  ADDRESS = "{[Accessed in March 2022]}",
}


@MISC{Evans2020,
  AUTHOR  = "{Evans, M.}",
  TITLE   = "{What Is Environmental Sustainability?}",
  URL     = "{https://www.thebalancesmb.com/what-is-
sustainability-3157876}",
  YEAR    = "{2020}",
  ADDRESS = "{[Accessed in March 2022]}",
}


@MISC{Lof2018,
  AUTHOR  = "{Löf, R.M.}",
  TITLE   = "{Economic sustainability}",
  URL     =
"{https://www.hig.se/Ext/En/University-of-Gavle/About-the-University/Environ
mental-Work/What-is-sustainable-development-at-HiG/Economic-
sustainability.html}",
  YEAR    = "{2018}",
  ADDRESS = "{[Accessed in March 2022]}",
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  AUTHOR  = "{Adec Innovation}",
  TITLE   = "{What is Social Sustainability?}",
  URL     =
"{https://www.adecesg.com/resources/faq/what-is-social-sustainability/}",
  YEAR    = "{2022}",
  ADDRESS = "{[Accessed in March 2022]}",
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  AUTHOR  = "{Ing}",
  TITLE   = "{Éthique et normes sociales}",
  URL     =
"{http://gpp.oiq.qc.ca/distinction_entre_ethique_deontologie.htm}",
  YEAR    = "{2011}",
  ADDRESS = "{[Accessed in March 2022]}",
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@MISC{OrdemdosEngenheiros2021,
  AUTHOR  = "{Ordem dos Engenheiros}",
  TITLE   = "{Engineers Order - Ordem dos Engenheiros}",
  URL     =
"{https://www.europeanjobdays.eu/en/company/engineers-order-ordem-dos-engenh
eiros}",
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  TITLE   = "{NSPE Code of Ethics for Engineers}",
  URL     = "{https://www.nspe.org/resources/ethics/code-ethics}",
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  TITLE   = "{Ethics in Sales and Marketing}",
  URL     =
"{https://www.managementstudyguide.com/ethics-in-sales-marketing.htm}",
  YEAR    = "{2015}",
  ADDRESS = "{[Accessed in March 2022]}",
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  AUTHOR  = "{Chambre de Commerce Internationale}",
  TITLE   = "{Code ICC consolidé}",
  URL     =
"{https://cdn.iccwbo.org/content/uploads/sites/3/2011/08/ICC-Consolidated-Co
de-of-Advertising-and-Marketing-2011-French.pdf}",
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  AUTHOR  = "{Belani, R., Donovan, C. and Loo, H.}",
  TITLE   = "{The economic and ethical foundations of liability law}",
  URL     =
"{https://cs.stanford.edu/people/eroberts/cs181/projects/1995-96/liability-l
aw/economic.html}",
  YEAR    = "{2020}",
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@article{YiChia2020,
AUTHOR = {Sterk, S.E.},
TITLE = {Property Rules, Liability Rules, and Uncer ty Rules, Liability
Rules, and Uncertainty about Pr tainty about Property Rights},
JOURNAL = {Environmental Science and Ecotechnology},
VOLUME = {106},
YEAR = {2008},
NUMBER = {7},
ARTICLE-NUMBER = {1285},
URL =
{https://repository.law.umich.edu/cgi/viewcontent.cgi?article=1377&context=m
lr},
ABSTRACT = {Clarity can be a considerable virtue in property rights. But
even when property rights are defined clearly in the abstract, ascertaining
the scope of those rights in concrete situations often entails significant
cost. In some instances, the cost of acquiring information about the scope
of property rights will exceed the social value of that information. In
those circumstances, further search for information about the scope of
rights is inefficient; the social harm avoided by further search does not
justify the
costs of the search. Potential resource users, however make decisions based
on private costs and benefits, not social costs and benefits. Legal rules
can create incentives to search for information even when the search would
be inefficient. In particular "property rule" protection often gives
leverage to right holders disproportionate to the harm those right holders
would suffer from intrusion on their rights. That leverage, in turn, gives
potential resource users private incentives to expend time and money on
search even when search will generate minimal social benefit. "Liability
rule" protection, by contrast, limits incentives to conduct inefficient
search for the scope of property rights.
Property doctrine reflects this insight in a number of contexts. Thus, high
search costs can explain the unwillingness of courts to award injunctive
relief in cases of "innocent" boundary encroachments, as well as the Supreme
Court's recent limitations on the routine award of injunctive relief in
patent and copyright cases.},
}

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  TITLE   = "{official website of the European Union: How do you know?}",
  URL     = "{https://ec.europa.eu/info/index_en}",
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  ADDRESS = "{[Accessed in June 2022]}",
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  AUTHOR  = "{Pantone}",
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  URL     =
"{https://connect.pantone.com/#/picker?pantoneBook=pantoneFhiPaperTpg}",
  YEAR    = "{2022}",
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  AUTHOR  = "{Westgarth, A.}",
  TITLE   = "{The Importance Of Having The Right Logo}",
  URL     =
"{https://www.forbes.com/sites/theyec/2018/11/30/the-importance-of-having-th
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  YEAR    = "{2018}",
  ADDRESS = "{[Accessed in March 2022]}",
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  AUTHOR  = "{Aquael blog}",
  TITLE   = "{How to transport the aquarium fish}",
  URL     =
"{https://www.aquael-aquarium.co.uk/blog/aquarium-fish-en/how-to-transport-t
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  YEAR    = "{2019}",
  ADDRESS = "{[Accessed in June 2022]}",
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@MISC{Laspirulerie2022,
  AUTHOR  = "{la spirulerie}",
  TITLE   = "{Souche de spiruline}",
  URL     = "{https://la-spirulerie.co/product/souche-de-spiruline/}",
  YEAR    = "{2022}",
  ADDRESS = "{[Accessed in June 2022]}",
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  AUTHOR  = "{Creopack}",
  TITLE   = "{What factors can affect the choice of packaging materials?}",
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"{https://creopack.com/en/articles/packaging-material-choice-factors/}",
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  AUTHOR  = "{La Rédaction}",
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@MISC{CNCPackaging2020,
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  TITLE   = "{Impression: les nombreux avantages des encres végétales}",
  URL     =
"{https://www.cnc-packaging.com/impression-les-nombreux-avantages-des-encres
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@MISC{Rajablog2019,
  AUTHOR  = "{Rajablog}",
  TITLE   = "{Étiquettes d'envoi : comment expédier en toute sécurité?}",
  URL     = "{https://www.rajapack.be/blog-be/etiquettes-denvoi/}",
  YEAR    = "{2019}",
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