

**PENGEMBANGAN KURIKULUM DIVERSIFIKASI
BERMUATAN POTENSI DAERAH KEPULAUAN
DI SULAWESI SELATAN**

DISERTASI

Diajukan untuk memenuhi sebagian syarat untuk memperoleh gelar Doktor
dalam Bidang Pendidikan pada Program Studi Pengembangan Kurikulum



Oleh:

K A S M A N
NIM 1907470

**PROGRAM STUDI PENGEMBANGAN KURIKULUM
FAKULTAS ILMU PENDIDIKAN
UNIVERSITAS PENDIDIKAN INDONESIA
2024**

Kasman, 2024

*PENGEMBANGAN KURIKULUM DIVERSIFIKASI BERMUATAN POTENSI DAERAH KEPULAUAN DI
SULAWESI SELATAN*

Universitas Pendidikan Indonesia | repository.upi.edu | perpustakaan.upi.edu

**PENGEMBANGAN KURIKULUM DIVERSIFIKASI BERMUATAN
POTENSI DAERAH KEPULAUAN DI SULAWESI SELATAN**

Oleh:

**K A S M A N
NIM 1907470**

Diajukan untuk memenuhi sebagian syarat untuk memperoleh gelar Doktor
dalam Bidang Pendidikan pada Program Studi Pengembangan Kurikulum

**© Kasman
Universitas Pendidikan Indonesia
2024**

Hak Cipta dilindungi undang-undang

Disertasi ini tidak boleh diperbanyak seluruhnya atau sebagian dengan dicetak ulang,
difotokopi, dan cara lainnya tanpa izin dari penulis

HALAMAN PENGESAHAN

KASMAN

PENGEMBANGAN KURIKULUM DIVERSIFIKASI BERDASARKAN POTENSI DAERAH KEPULAUAN DI SULAWESI SELATAN

Telah disetujui dan disahkan oleh tim promotor :

Promotor



Prof. Dr. Rudi Susilana, M.Si
NIP. 196610191991021001

Ko-Promotor



Dr. Dadang Sukirman, M.Pd
NIP. 195910281987031002

Mengetahui,
Ketua Program Studi Pengembangan Kurikulum



Dr. Yaksmi Dewi, M.Pd
NIP. 197706132001122001

ABSTRAK

Kasman, 2024. Pengembangan Kurikulum Diversifikasi Bermuatan Potensi Daerah Kepulauan di Sulawesi Selatan. Promotor: Prof. Dr. Rudi Susilana, M.Si., Ko-Promotor: Dr. Dadang Sukirman, M.Pd.

Studi pendahuluan yang dilakukan di daerah Kepulauan Sulawesi Selatan menunjukkan bahwa kurikulum yang ada belum sepenuhnya mengakomodasi kebutuhan kompetensi yang diperlukan. Permasalahan ini terutama terlihat dalam aspek terbatasnya kemampuan pengelolaan potensi daerah kepulauan, yang sangat bergantung pada sektor perikanan dan rumput laut sebagai komoditas unggulan. Atas dasar tersebut, terlihat jelas bahwa diperlukan peran strategis dari pengembang kurikulum dalam rangka mengakomodasi potensi daerah kepulauan untuk memfasilitasi kebutuhan kompetensi yang diperlukan. Berdasarkan hal tersebut, dibutuhkan penelitian tentang bagaimana mengembangkan kurikulum diversifikasi untuk meningkatkan kompetensi siswa yang bermuatan potensi daerah Kepulauan di Sulawesi Selatan. Penelitian ini merupakan penelitian *Design and Development* (D&D) dengan pendekatan campuran yang menggabungkan metode kuantitatif dan kualitatif. Partisipan penelitian terdiri atas tiga kelompok: Tahap pendahuluan melibatkan 192 siswa SMA. Tahap desain dan pengembangan kurikulum melibatkan pakar perikanan, praktisi industri, ahli kurikulum, dan ahli materi. Tahap pengujian melibatkan guru dan siswa. Analisis data penelitian (D&D) dibedakan atas data kuantitatif dan data kualitatif. Analisis data kuantitatif mengikuti kaidah dalam penelitian kuantitatif dan data kualitatif mengikuti kaidah dalam penelitian kualitatif. Adapun temuan penelitian, menunjukkan bahwa: 1) Secara umum, gambaran awal kompetensi siswa SMA mengenai potensi daerah kepulauan masih tergolong rendah. 2) Kompetensi yang perlu dikembangkan dalam kurikulum diversifikasi diklasifikasikan menjadi lima aspek, yaitu: penanganan hasil perikanan, pengolahan hasil perikanan, diversifikasi produk perikanan, diversifikasi rumput laut, dan jaminan mutu dan keamanan produk. 3) Desain dan pengembangan kurikulum diversifikasi dilakukan dengan dua tahapan. Pada tahap desain kurikulum diversifikasi melibatkan integrasi langkah-langkah dari beberapa model pengembangan kurikulum. Sementara pada tahap pengembangan meliputi pengembangan kerangka dasar, struktur kurikulum, strategi implementasi, dan evaluasi kurikulum diversifikasi. Selanjutnya dilakukan pengembangan yang lebih spesifik yang meliputi: perumusan kompetensi, penetapan tujuan pembelajaran, penentuan konten pembelajaran, strategi pembelajaran, dan teknik penilaian. 4) Kurikulum diversifikasi yang dihasilkan dinyatakan valid dan layak untuk digunakan. 5). Hasil uji coba menunjukkan bahwa desain kurikulum diversifikasi efektif dalam meningkatkan kompetensi siswa bermuatan potensi daerah Kepulauan. 6). Diseminasi kurikulum diversifikasi dilakukan melalui sosialisasi virtual dengan guru-guru SMA dan penyebarluasan melalui online *flipbook* yang dapat diakses secara online.

Kata kunci: pengembangan kurikulum, kurikulum diversifikasi, potensi daerah kepulauan

ABSTRACT

Kasman, 2024. Development of a Diversified Curriculum Based on The Potential of The Archipelagic Regions In South Sulawesi. Promotor: Prof. Dr. Rudi Susilana, M.Si., Co-Promotor: Dr. Dadang Sukirman, M.Pd.

Preliminary studies conducted in the South Sulawesi Islands region indicate that the current curriculum does not fully accommodate the necessary competency requirements. This issue is particularly evident in the limited capacity to manage the potential of the island regions, which heavily rely on the fisheries and seaweed sectors as their main commodities. Therefore, it is clear that a strategic role is required from curriculum developers to accommodate the potential of the island regions to facilitate the necessary competencies. Based on this, research is needed on how to develop a diversified curriculum to enhance students' competencies that reflect the potential of the South Sulawesi Islands region. This research is a Design and Development (D&D) study with a mixed-methods approach that combines both quantitative and qualitative methods. The research participants are divided into three groups: The preliminary stage involves 192 high school students. The curriculum design and development stage involves fisheries experts, industry practitioners, curriculum specialists, and subject matter experts. The testing stage involves teachers and students. The data analysis in the D&D research distinguishes between quantitative and qualitative data. Quantitative data analysis follows the principles of quantitative research, while qualitative data analysis follows the principles of qualitative research. The research findings indicate that: 1) In general, the initial assessment of high school students' competencies regarding the potential of the island regions is still relatively low. 2) The competencies that need to be developed in the diversified curriculum are classified into five aspects: fishery product handling, fishery product processing, fishery product diversification, seaweed diversification, and product quality and safety assurance. 3) The design and development of the diversified curriculum were carried out in two stages. The curriculum design stage involved the integration of steps from several curriculum development models. Meanwhile, the development stage included the development of a basic framework, curriculum structure, implementation strategies, and evaluation of the diversified curriculum. Subsequently, more specific developments were made, including: competency formulation, setting learning objectives, determining learning content, learning strategies, and assessment techniques. 4) The resulting diversified curriculum was found to be valid and feasible for use. 5) The trial results showed that the diversified curriculum design was effective in enhancing students' competencies based on the potential of the island regions. 6) The dissemination of the diversified curriculum was conducted through virtual socialization with high school teachers and distribution through an online flipbook that can be accessed online.

Keywords: curriculum development, diversified curriculum, archipelagic regional potential

DAFTAR ISI

HALAMAN DEPAN	ii
HALAMAN PENGESAHAN	iii
SURAT PERNYATAAN KEASLIAN DISERTASI	iv
KATA PENGANTAR	v
UCAPAN TERIMA KASIH	vi
ABSTRAK	viii
ABSTRACT	ix
DAFTAR ISI	x
DAFTAR TABEL	xiii
DAFTAR GAMBAR	xiv
DAFTAR LAMPIRAN	xv
BAB I PENDAHULUAN	1
1.1. Latar Belakang	1
1.2. Rumusan Masalah	12
1.2.1. Rumusan Masalah Umum	12
1.2.2. Rumusan Masalah Khusus	12
1.3. Tujuan Penelitian	13
1.3.1. Tujuan penelitian umum.....	13
1.3.2. Tujuan Penelitian Khusus.....	13
1.4. Manfaat Penelitian	13
1.4.1. Manfaat Teoritis.....	14
1.4.2. Manfaat Praktis	14
BAB II KAJIAN PUSTAKA	15
2.1. Kurikulum Diversifikasi.....	15
2.2. Potensi Daerah	19
2.3. Kurikulum Diversifikasi Bermuatan Potensi Daerah.....	23
2.4. Pengembangan Kurikulum Diversifikasi	28

2.4.1.Landasan Pengembangan Kurikulum Diversifikasi	28
2.4.2.Prinsip-prinsip pengembangan kurikulum diversifikasi	35
2.4.3.Model Pengembangan Kurikulum Diversifikasi	41
2.5. Urgensi Pengembangan Kurikulum Diversifikasi	69
2.6. Penelitian Terdahulu	70
2.7. Kerangka Berpikir.....	73
BAB III METODOLOGI PENELITIAN	76
3.1 Desain Penelitian	76
3.1.1.Identifikasi Masalah (Identification the problem)	77
3.1.2.Mendeskripsikan Tujuan (<i>Describe the objectives</i>).....	78
3.1.3.Desain dan Pengembangan Produk (<i>Design & develop the artifact</i>)	79
3.1.4.Ujicoba Produk (<i>Test the artifact</i>)	80
3.1.5.Evaluasi Hasil Ujicoba (<i>Evaluate testing result</i>).....	81
3.1.6.Mengkomunikasikan Hasil Ujicoba (<i>Communicating the testing result</i>) ..	81
3.2 Prosedur Penelitian	82
3.3 Partisipan dan Lokasi Penelitian.....	84
3.4 Teknik Pengumpulan Data dan Instrumen Penelitian.....	86
3.4.1.Kuesioner.....	87
3.4.2. <i>Focus Group Discussion</i> (FGD).....	89
3.4.3.Lembar validasi	90
3.4.4.Test.....	93
3.5 Analisis Data.....	95
3.5.1.Analisis Data Kuantitatif	95
3.5.2.Analisis Data Kualitatif	98
BAB IV TEMUAN DAN PEMBAHASAN	100
4.1 Temuan.....	100
4.1.1.Gambaran Awal Kompetensi yang Dimiliki Siswa	100
4.1.2.Kompetensi yang Perlu Dikembangkan dalam Kurikulum Diversifikasi	102
4.1.3.Desain dan Pengembangan Kurikulum Diversifikasi n	107

4.1.4. Tingkat Kelayakan Kurikulum Diversifikasi	126
4.1.5. Keefektifan Kurikulum Diversifikasi	129
4.1.6. Diseminasi Kurikulum Diversifikasi	131
4.2 Pembahasan	133
4.3.1. Gambaran Awal Kompetensi yang Dimiliki Siswa	133
4.2.1. Kompetensi yang Perlu Dikembangkan dalam Kurikulum Diversifikasi	138
4.2.2. Desain dan Pengembangan Kurikulum Diversifikasi	153
4.2.3. Tingkat Kelayakan Kurikulum Diversifikasi	165
4.2.4. Keefektifan Kurikulum Diversifikasi	168
4.2.5. Diseminasi Kurikulum Diversifikasi	171
4.3 Keterbatasan Penelitian	175
BAB V SIMPULAN, IMPLIKASI DAN REKOMENDASI.....	177
5.1 Simpulan.....	177
5.2 Implikasi.....	180
5.3 Rekomendasi	181
DAFTAR PUSTAKA.....	183
LAMPIRAN	208
RIWAYAT HIDUP.....	243

DAFTAR TABEL

Tabel 3.1 Lokasi Penelitian	85
Tabel 3.2 Teknik Pengumpulan Data Penelitian	87
Tabel 3.3 Kisi-kisi Instrumen Gambaran awal Kompetensi Siswa	88
Tabel 3.4 Kisi-kisi Pertanyaan Sebagai Panduan FGD dalam Merumuskan Kompetensi yang Perlu Dikembangkan dalam Kurikulum Diversifikasi.....	89
Tabel 3.5 Kisi-kisi Instrumen Lembar Validasi Ahli Kurikulum Diversifikasi.....	91
Tabel 3.6 Kisi-kisi Instrumen Lembar Validasi Ahli Materi	92
Tabel 3.7 Kisi-kisi Instrumen Lembar Validasi Pengguna Kurikulum Diversifikasi	93
Tabel 3.8 Kisi-kisi Instrumen Tes untuk <i>Pre Test</i> dan <i>Post-Test</i>	94
Tabel 3.9 Interpretasi Kriteria	97
Tabel 4.1 Gambaran awal Kompetensi Siswa	101
Tabel 4.2 Karakteristik Responden.....	103
Tabel 4.3 Statistik Deskriptif dan Signifikansi Perbedaan Persepsi Pakar, Praktisi Industri dan Guru SMA.....	104
Tabel 4.4 Kompetensi yang Perlu Dikembangkan dalam Kurikulum Diversifikasi	105
Tabel 4.5 Struktur Kurikulum Diversifikasi	116
Tabel 4.6 Rumusan Kompetensi.....	120
Tabel 4.7 Tujuan Pembelajaran	121
Tabel 4.8 Konten Pembelajaran.....	122
Tabel 4.9 Hasil Validasi Ahli Kurikulum dan Ahli Materi.....	127
Tabel 4.10 Hasil Validasi Pengguna I Kurikulum Diversifikasi	128
Tabel 4.11 Hasil Validasi Pengguna II Kurikulum Diversifikasi.....	129
Tabel 4.12 Sebaran Satuan Pendidikan SMA	129
Tabel 4.13 Kategori Tafsiran Efektivitas N-Gain	131
Tabel 4.14 Hasil Ujicoba Kurikulum Diversifikasi	131
Tabel 4.15 Umpan Balik Diseminasi Kurikulum Diversifikasi	132
Tabel 4.16 Tahap Persiapan dan Prinsip HACCP	151

DAFTAR GAMBAR

Gambar 2.1 Model pengembangan kurikulum Beauchamp	43
Gambar 2.2 Model pengembangan kurikulum Oliva	50
Gambar 2.3 Model pengembangan kurikulum Mikro	62
Gambar 2.4 Kerangka berpikir	75
Gambar 3.1 <i>The 6-Phase Design And Development Research Approach</i>	77
Gambar 3.2 Urutan Pelaksanaan Validasi dan Pengujian Produk.....	81
Gambar 3.3 Prosedur penelitian	83
Gambar 4.1 Desain kurikulum diversifikasi.....	108
Gambar 4.2 Pengembangan kurikulum diversifikasi.....	112
Gambar 4.3 Setting Belajar <i>Sinkronous</i> dan <i>Asinkronous</i>	124
Gambar 4.4 Piramida Pendekatan Penilaian	125
Gambar 4.5 Kurva Kategori Adopter.....	173
Gambar 4.6 Proses Keputusan Inovasi	175

DAFTAR LAMPIRAN

Lampiran 1. Instrumen Gambaran Awal Kompetensi Siswa	210
Lampiran 2. Panduan Teknis Focus Group Discussion (FGD).....	212
Lampiran 3. Instrumen Validasi Ahli Kurikulum	214
Lampiran 4. Instrumen Validasi Ahli Materi	218
Lampiran 5. Instrumen Validasi Pengguna (Guru).....	221
Lampiran 6. Instrumen tes untuk <i>pre test</i> dan <i>post-test</i>	222
Lampiran 7. Hasil Analisis SPSS Mann Whitney	225
Lampiran 8. Hasil Uji N-Gain (%)	230
Lampiran 9. Hasil Uji Paired T-Test	230
Lampiran 10. Hasil Uji Normalitas-One Sample Kolmogorov.....	231
Lampiran 11. Surat Penetapan Promotor dan Ko.Promotor.....	233
Lampiran 12. Surat Permohonan Izin Penelitian.....	235
Lampiran 13. Surat Keterangan Telah Melakukan Penelitian	237
Lampiran 14. Surat Keterangan Perumusan Kompetensi	239
Lampiran 15. Surat Keterangan Validasi	241

DAFTAR PUSTAKA

- Abdullah, S., Isiyana, N., Suriana, Tadjuddah, M., Bunyamin, & Buana, T. (2022). Peningkatan Ketahanan Pangan Masyarakat Nelayan Melalui Olahan Ikan Tongkol Di Desa Saponda Laut Kecamatan Soropia Kabupaten Konawe Sulawesi Tenggara. *Pengabdian Kepada Masyarakat Membangun Negeri*, 6(1), 127–140.
- Adhawati, S. S., & Mansyur, S. M. (2023). Potensi dan Proyeksi Nilai PDRB Sektor Perikanan Provinsi Sulawesi Selatan Potential and Projected Value of GRDP in the Fisheries Sector of South Sulawesi Province. *Jurnal Sosial Ekonomi Kelautan Dan Perikanan*, 18(2), 133–140. <https://doi.org/10.53866/jimi.v2i2.90>
- Agustina, N. (2017). *Kesiapan Guru Jurusan Teknik Gambar Bangunan Smk Negeri 1 Pajangan Dalam Implementasi Kurikulum 2013 Teacher Preparation Techniques Department of Buildings Smk Negeri 1 Pajangan in Curriculum Implementation 2013*. 1–8.
- Akbar, S., & Sriwiyana, H. (2011). *Pengembangan Kurikulum dan Pembelajaran Ilmu Pengetahuan (IPS)*. Yogyakarta: Cipta Media. Cipta Media.
- Akh tara, N., & Borah, A. (2022). Influence of Microwave and Traditional Smoked Drying Method on the Protein and Moisture Content of Puntius sophore. *International Journal of Biochemistry Research & Review*, 31(9), 10–16. <https://doi.org/10.9734/ijbcr/2022/v31i9777>
- Akib, N. I., Wulandari, I. W., Suryani, S., & Hanari, H. (2019). FORMULASI GEL HAND SANITIZER ANTIBAKTERI KOMBINASI EKSTRAK RUMPUT LAUT *Eu cheuma spinosum* DAN *Eu cheuma cotonii* ASAL KEPULAUAN WAKATOBI SULAWESI TENGGARA. *Jurnal Fish Protech*, 2(2), 180. <https://doi.org/10.33772/jfp.v2i2.9232>
- Alberty, H. (1965). Reorganizing the Junior High School Curriculum. In *NASSP Bulletin* (Vol. 29, Issue 130). The Macmillan Company. <https://doi.org/10.1177/019263654502913003>
- Alfi, D. Z. (2021). Studi Kebijakan Tentang Kurikulum Pengembangan Muatan Lokal. *Rabbani: Jurnal Pendidikan Agama Islam*, 2(1), 1–14. <https://doi.org/10.19105/rjpai.v2i1.4140>
- Ali, M. (2019). *Research Methods in Sustainability Education* (Vol. 4, Issue 1). UPI Press.
- Ali, M. (2020). *Quality Education for Preparing Future Competencies*. UPI Press.
- Ali, & Susilana. (2021). *Perancangan Kurikulum Mikro (Profesionalime Guru untuk Pendidikan Berkualitas)*. PT RAJA GRAFINDO PERSADA.

- Almu'tasim, A. (2018). Menakar Model Pengembangan Kurikulum Di Madrasah. *At-Tuhfah*, 7(2), 1–19. <https://doi.org/10.36840/jurnalstudikeislaman.v7i2.140>
- Anderson, R. (2018). *Curriculum Differentiation: A Practical Approach*. Routledge.
- Andhikawati, A., Akbarsyah, N., Permana, R., Kusuma, P., Noor, D., Putra, Y., Penulis, K., Studi, P., Pangandaran, P. K., Perikanan, D., Perikanan, F., & Kelautan, I. (2023). Penyuluhan Mengenai Karakteristik Ikan Segar dan Ikan Mundur Mutu di Desa Cintaratu, Kabupaten Pangandaran Counseling on the Characteristics of Fresh Fish and Quality Backward Fish in Cintaratu Village, Pangandaran Regency. *Farmers: Journal of Community Services*, 04(1), 21–25. <http://jurnal.unpad.ac.id/fjcshttps://doi.org/10.24198/fjcs.v4i1.45215>
- Andrade, H. (2019). A Critical Review of Research on Formative Assessment: The Limited Scientific Evidence of the Impact of Formative Assessment in Education. *Educational Assessment, Evaluation and Accountability*.
- Andriaputra, A. R., Resmana, D. B. P., Marzuki, N., & Rangkuti, A. H. (2022). Development of E-Learning Applications to Support Student Learning. In *2022 International Conference on Informatics, Multimedia, Cyber and Information System (ICIMCIS)*, (pp. 49-54).
- Angraeni, D. K. (2020). Peran Kurikulum Muatan Lokal Dalam Melestarikan Bahasa Daerah (Dayak Ngaju, Kalimantan Tengah). *Satya Sastraharing: Jurnal Manajemen*, 4(2), 1–14.
- Anisa, A. (2017). Meningkatkan keterampilan berpikir kritis peserta didik melalui pembelajaran IPA berbasis potensi lokal Jepara. *Jurnal Inovasi Pendidikan IPA*, 3(1), 1. <https://doi.org/10.21831/jipi.v3i1.8607>
- Anisah, G. (2022). Kerangka Konsep Assessment of Learning, Assessment for Learning, Dan Assessment As Learning Serta Penerapannya Pada Pembelajaran. *Al-Aufa: Jurnal Pendidikan Dan Kajian Keislaman*, 3(2), 65–76. <https://doi.org/10.32665/alaufa.v3i2.1201>
- Apituley, Y. M. T. N., Soukotta, L. M., & Wattimury, M. (2023). Penetapan Harga Jual Ikan Segar Dikota Ambon. *BALOB: Jurnal Pengabdian Masyarakat*, 2(2), 60–66. <https://doi.org/10.30598/balobe.2.2.60-66>
- Arifin, M. Z., Ulfa, S., & Praherdhiono, H. (2018). Pengembangan Kurikulum Muatan Lokal Karawitan sebagai Upaya Mengkonstruksi Pengetahuan dan Pelestarian Budaya Jawa di Jenjang SMA. *Jurnal Kajian Teknologi Pendidikan*, 123–131.
- Arifin, Z. (2014). *Penelitian Pendidikan* (Vol. 10, Issue 2). PT Remaja Rosdakarya.
- Asep, M. (2018). Pemberdayaan Keluarga melalui Pendidikan Keterampilan Hidup. *Jurnal Pendidikan Dan Kebudayaan*, 23(1), 45–60.

- Asri, A. (2017). *Diversifikasi dan Kontekstualisasi Kurikulum Integrated Ecofarming Pada Pembelajaran Kecakapan Hidup* (Vol. 35, p. 35).
- Asrori, M. (2016). Pengertian, Tujuan Dan Ruang Lingkup Strategi Pembelajaran. *Madrasah*, 6(2), 26. <https://doi.org/10.18860/jt.v6i2.3301>
- Azis, S. L. (2019). Decentralization of education in the era of regional autonomy: Concept, implementation and constraints. *Foramadiahi*, 10(2), 167. <http://journal.iain-ternate.ac.id/index.php/foramadiahi/article/view/121>
- Badan Ketahanan Pangan. (2020). Road Map Diversifikasi Pangan Lokal Sumber Karbohidrat Non Beras (2020-2024). *Kementerian Pertanian Indonesia*, 1–49.
- Badan Pusat Statistik. (2020). Produksi Perikanan Budidaya Menurut Komoditas Utama. In *Bps*. BPS.
- Badan Pusat Statistik Provinsi Sulawesi Selatan. (2019). Provinsi Sulawesi Selatan dalam Angka. In *Badan Pusat Statistik*. BPS Provinsi Sulawesi Selatan. <https://sulsel.bps.go.id>.
- Badan Pusat Statistik Provinsi Sulawesi Selatan. (2021). *Hasil Survei Komoditas Perikanan Potensi Rumput Laut Provinsi Sulawesi Selatan 2021 Results*. Badan Pusat Statistik Indonesia.
- Bahri, H. (2016). Pengelolaan Pendidikan Dan Pembelajaran Berbasis Potensi Lokal. *Nuansa: Jurnal Studi Islam Dan Kemasyarakatan*, 9(1), 41–47. <https://ejournal.iainbengkulu.ac.id/index.php/nuansa/article/view/372>
- Basari, A. (2014). Penguatan Kurikulum Muatan Lokal Dalam Pembelajaran Di Sekolah Dasar. *Ilmu Pendidikan*, 2(1), 18–26. <https://medium.com/@arifwicaksanaa/pengertian-use-case-a7e576e1b6bf>
- Bates, K., Teudt, M., & Collier, J. (2019). Mapping points for a place-based pedagogy of practice. *Curriculum Perspectives*, 39(1), 91–96. <https://doi.org/10.1007/s41297-019-00071-7>
- Beauchamp, G. A. (1964). *The Curriculum of the Elementary School*. Allyn and Bacon Inc.
- Beauchamp, G. A. (1981). *Curriculum Theory. Itasca. Ill.* FE Peacock Publishers.
- Bennett, R. E. (2011). Formative assessment: a critical review. *Assessment in Education: Principles, Policy & Practice.*, 18(1), 5–25. <https://doi.org/10.1080/0969594x.2010.513678>
- Bentri, A. (2017). *MENYELENGGARAKAN PENDIDIKAN NASIONAL YANG MERATA, BERKUALITAS DAN RELEVAN: Pengembangan Kurikulum Sentralisasi dan Desentralisasi*. September.
- Bida, O. (2021). Kebijakan Desentralisasi dan Disparitas Pendidikan Lokal di

- Provinsi Sulawesi Tenggara. In *Jurnal Ilmu Administrasi Negara ASIAN (Asosiasi Ilmuwan Administrasi Negara)* (Vol. 9, Issue 1, pp. 228–248). <https://doi.org/10.47828/jianaasian.v9i1.59>
- Binder, Z. W., O'Brien, S. E., Boyle, T. P., Cabral, H. J., & Pare, J. R. (2021). Tricuspid Regurgitant Jet Velocity Point-of-Care Ultrasound Curriculum Development and Validation. *POCUS Journal*, 6(2), 88–92. <https://doi.org/10.24908/pocus.v6i2.15190>
- Binkley, M., Erstad, O., Herman, J., Raizen, S., Ripley, M., Miller-Ricci, M., & Rumble, M. (2012). Defining twenty-first century skills. In *Assessment and Teaching of 21st Century Skills* (pp. 17–66). Springer Netherlands. https://doi.org/10.1007/978-94-007-2324-5_2
- Birmingham, P., & Wilkinson, D. (2003). Using Research Instruments: A Guide for Researchers. In *Using Research Instruments: A Guide for Researchers*. Routledge. <https://doi.org/10.4324/9780203422991>
- Black, P., & Wiliam, D. (2010). Inside the black box: Raising standards through classroom assessment. *Phi Delta Kappan*, 92(1), 81–90. <https://doi.org/10.1177/003172171009200119>
- Black, P., & Wiliam, D. (2018). Inside the black box: Raising standards through classroom assessment. *Phi Delta Kappan*, 92(1), 81–90. <https://doi.org/10.1177/003172171009200119>
- Blömeke, S. (2017). Modelling teachers' professional competence as a multi-dimensional construct. In *Pedagogical Knowledge and the Changing Nature of the Teaching Profession* (pp. 119–135). OECD. <https://doi.org/10.1787/9789264270695-7-en>
- Botutihe, F. (2016). Penilaian Mutu Organoleptik dan pH Ikan Roa (*Hemirhampus* sp.) sebagai Bahan Baku Ikan Asap (Studi Kasus UKM Ikan Roa Asap Desa Bangga). *Kecamatan Paguyaman Pantai*. *Agropolitan*, 3(3), 27–32.
- Brookhart, S. M. (2017). *How to give effective feedback to your students*. Ascd.
- Brown, G. T. L. (2017). Assessment of student achievement. In *Assessment of Student Achievement*. Routledge. <https://doi.org/10.4324/9781315162058>
- Brown, S., & Knight, P. (1994). Assessing Learners in Higher Education. In *Kogan Page*. Routledge. <https://doi.org/10.4324/9780203062036>
- Bruner, J. S. (2009). *The process of education*. Harvard Univer, Press. Oxford, England.
- Buton, H., Pontoh, O., & Manoppo, V. E. N. (2017). Kontribusi Pedagang Ikan Segar Di Pasar Bersehati Kelurahan Calaca Terhadap Lapangan Kerja Di Kota Manado Provinsi Sulawesi Utara. *AKULTURASI (Jurnal Ilmiah Agrobisnis*

- Perikanan*), 5(9). <https://doi.org/10.35800/akulturasi.5.9.2017.16990>
- Carl, A. E. (2009). Teacher involvement in curriculum development. *Journal of Education Research*.
- Chakma, S., Islam, M. M., Rahman, M. A., Debnath, S., Nag, S. K., Ali, M. K., & Hoque, M. S. (2022). Determination of sensory attributes, microbiological, and biochemical analysis, and pesticide contents of the dried shark (*Scoliodon sorrakowah*) in the Bengal Bay of Bangladesh. *Egyptian Journal of Aquatic Biology and Fisheries*, 26(5), 189–206. <https://doi.org/10.21608/ejabf.2022.259967>
- Damongilala, L. J., & Harikedua, S. D. (2020). Diversifikasi Produk Perikanan : Fish Burger. *Techno Science Journal*, 2(2), 61–68. <https://ejournal.unsrat.ac.id/index.php/tsj/article/view/34126>
- Darianto, D. (2018). Analisa Faktor-Faktor yang Mempengaruhi Proses Pengasapan Pada Mesin Pengasapan Ikan Lele. In *Journal of Mechanical Engineering, Manufactures, Materials and Energy* (Vol. 2, Issue 2, p. 56). <https://doi.org/10.31289/jmemme.v2i2.2154>
- Darling-Hammond, L., Flook, L., Cook-Harvey, C., Barron, B., & Osher, D. (2020). Implications for educational practice of the science of learning and development. *Applied Developmental Science*, 24(2), 97–140. <https://doi.org/10.1080/10888691.2018.1537791>
- Darling-Hammond, L., Hylar, M. E., & Gardner, M. (2017). *Effective Teacher Professional Development*. Learning Policy Institute.
- Darmawan, D. (2014). *Inovasi pendidikan: pendekatan praktik teknologi multimedia dan pembelajaran online*. PT Remaja Rosdakarya.
- Darmawan, D. (2015). *Komunikasi Pendidikan Perspektif Bio-Komunikasi*. PT Remaja Rosdakarya.
- Dekkers, E., Raghavan, S., Kristinsson, H. G., & Marshall, M. R. (2011). Oxidative stability of mahi mahi red muscle dipped in tilapia protein hydrolysates. *Food Chemistry*, 124(2), 640–645. <https://doi.org/https://doi.org/10.1016/j.foodchem.2010.06.088>
- Demarest, A. B. (2014). *Place-based curriculum design : exceeding standards through local investigations*.
- Deni, S. (2015). Karakteristik mutu ikan selama penanganan pada kapal KM. Cakalang. *Agrikan: Jurnal Agribisnis Perikanan*, 8(2), 72–80. <https://doi.org/10.29239/j.agrikan.8.2.72-80>
- Desiana, C., Rahmatika, R., & Dewi, R. S. (2023). Analisis Kajian Diferensiasi dan Diversifikasi Kurikulum di Indonesia. *Journal on Education*, 06(01), 10090–

10096.

- Dewey, J. (1986). Experience and education. In *Educational Forum* (Vol. 50, Issue 3). Lian Jing/Tsai Fong Books. <https://doi.org/10.1080/00131728609335764>
- Díaz, C. G., & Santos, L. S. (2014). Formulation of instructional objectives in the educational curriculum. *Revista Cubana de Educación Médica Superior*, 28(3), 467–481.
- Dinas Kelautan dan Perikanan Provinsi Sulawesi Selatan. (2022). Laporan Tahunan Kelautan dan Perikanan Sulawesi Selatan 2021. In *Dinas Kelautan dan Perikanan Provinsi Sulawesi Selatan*. Dinas Kelautan dan Perikanan Provinsi Sulawesi Selatan. www.dkp.
- Dolorosa, M. T., Nurjanah, N., Purwaningsih, S., Anwar, E., & Hidayat, T. (2017). Bioactive Compounds of Seaweed *Sargassum plagyophyllum* and *Eucheuma cottonii* as Lightening Raw Materials. *Jurnal Pengolahan Hasil Perikanan Indonesia*, 20(3), 632. <https://doi.org/10.17844/jphpi.v20i3.19820>
- Earl, L. M. (2013). *Assessment as Learning: Using Classroom Assessment to Maximize Student Learning*. Corwin Press.
- Eisner, E. W. (1994). *The Educational Imagination: On the Design and Evaluation of School Programs*. Prentice Hall.
- Elbaz, M. M. (2023). Place-Based Education: Society as a Multidisciplinary Learning Environment. *Arid International Journal of Educational and Psychological Sciences*, 7–21. <https://doi.org/10.36772/arid.ajjeps.2023.471>
- Ellis, T. J., & Levy, Y. (2010). A Guide for Novice Researchers: Design and Development Research Methods. *Proceedings of the 2010 InSITE Conference*, 107–118. <https://doi.org/10.28945/1237>
- Encarnacion, P. C., & Razak, H. B. (2023). Competence and Employees Attitude in Private Hospitals in Colorado State, USA. *Journal of Human Resource & Leadership*, 7(3), 1–11. <https://doi.org/10.53819/81018102t5209>
- Epstein, J. L. (2018). *School, family, and community partnerships: Preparing educators and improving schools*. Westview Press.
- Fajri, K. N. (2019). Proses Pengembangan Kurikulum. *Islamika*, 1(2), 35–48. <https://doi.org/10.36088/islamika.v1i2.193>
- Fathoni, D. A., & Arisandi, A. (2020). Kualitas Karaginan Rumput Laut (*Eucheuma cottonii*) pada Lahan yang Berbeda di Kecamatan Bluto Kabupaten Sumenep. *Juvenil: Jurnal Ilmiah Kelautan Dan Perikanan*, 1(4), 548–557. <https://journal.trunojoyo.ac.id/juvenil/article/view/8994>
- Fitriani, F., Nugroho, D. W., & Utami, N. D. (2019). Integrasi Potensi Lokal dalam Pengembangan Kurikulum. *Jurnal Pendidikan*, 5(2), 145–158.

- Food and Drug Administration. (2019). *Fish and Fishery Product Hazard and Control Guidance (fourth Edi, Issue August)*. U.S. Department of Health and Human Services Food and Drug Administr. US Department of Health and Human Services Food and Drug Administr.
- Fraenkel, J., Wallen, N., & Hyun, H. (2015). *How to design and evaluate research in education ISE* (11th ed.). McGraw-Hill Education.
- Fullan, M. (2007). *The new meaning of educational change* (5th ed.). Teachers' College Press.
- Fullan, M., & Quinn, J. (2016). *Coherence: The Right Drivers in Action for Schools, Districts, and Systems*. Corwin Press.
- Garrison, D. R., & Anderson, T. (2003). *Review: E-Learning in the 21st century: A framework*. 8(1), 50–56.
- Glatthorn, A. A., Boschee, F., Whitehead, B. M., & Boschee, B. F. (2018). *Curriculum Leadership: Strategies for Development and Implementation*. Sage Publications.
- Goderstad, J. M., Fosse, E., Sandvik, L., & Lieng, M. (2020). Development and validation of a curriculum for laparoscopic supracervical hysterectomy. *Facts, Views & Vision in ObGyn*, 12(2), 83–90. <http://www.ncbi.nlm.nih.gov/pubmed/32832922> <http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=PMC7431195>
- Gregory A, S. (2007). Place-based education: breaking through the constraining regularities of public school. *Environmental Education Research*, 13(2), 189–207. <https://doi.org/10.1080/13504620701285180>
- Grillitsch, M., & Asheim, B. (2018). Place-based innovation policy for industrial diversification in regions. *European Planning Studies*, 26(8), 1638–1662. <https://doi.org/10.1080/09654313.2018.1484892>
- Gülbahar, Y., & Adnan, M. (2020). The role of evaluation in curriculum development. *International Journal of Instruction*.
- Guskey, T. R. (2016). Professional Learning and Teacher Change. *Educational Leadership*.
- Gustiawan, R., Neviyarni, & Murni, I. (2023). Penerapan Konsep Sosiologis Dalam Pendidikan Dasar. *Didaktik : Jurnal Ilmiah PGSD STKIP Subang*, 9(2), 1723–1730. <https://doi.org/10.36989/didaktik.v9i2.893>
- Hadi, A., Khazanah, W., Andriani, A., & Husna, H. (2022). Pengaruh berbagai sumber pengasapan terhadap kadar protein, mikrobiologis dan organoleptik ikan nila (*Oreochromis niloticus*) asap. *AcTion: Aceh Nutrition Journal*, 7(2), 179. <https://doi.org/10.30867/action.v7i2.724>

- Hake, R. (1999). *Analyzing change/gain scores*.
- Hamalik, O. (2008). *Manajemen Pengembangan Kurikulum*. Remaja Rosdakarya.
- Hamid, A. A., Islam, R., & Ahmad, M. H. (2016). Challenges of e-learning implementation in developing countries: A comparative study. *International Journal of Learning and Development*, 6(3), 64–78.
- Hamlin, M. D. (2022). *A Curriculum Development and Quality Assessment Model Based on the Formation of Professional Identity*. <https://doi.org/doi:10.4018/978-1-7998-8085-1.ch011>
- Hamm, C., Iorio, J. M., Cooper, J., Smith, K., Crowcroft, P., Molloy Murphy, A., Parnell, W., & Yelland, N. (2023). Learning with place as a catalyst for action. *Pedagogy, Culture and Society*, 1–14. <https://doi.org/10.1080/14681366.2023.2187436>
- Handayani, M. N. (2021). *Infusi Green Skills ke dalam Kurikulum Pengolahan Hasil Pertanian di Sekolah Menengah Kejuruan*. Universitas Pendidikan Indonesia.
- Handoko, Y. P., & Yuniarti, T. (2023). Penanganan Ikan Hasil Tangkapan Di Atas Kapal Dan Di Pendaratan: Penerapan, Dampak, Dan Upaya Perbaikannya. *Jurnal Kelautan Dan Perikanan Terapan (JKPT)*, 1, 123. <https://doi.org/10.15578/jkpt.v1i0.12155>
- Harikedua, Y., Kalesaran, J. D., & Arifin, M. Z. (2017). Teknik Penanganan Hasil Tangkapan Di KM. ALDUS 02. *Buletin Matric*, 14(2), 35–41.
- Harris, A., & Spillane, J. (2008). Distributed leadership through the looking glass. *Management in Education*, 46(2). <https://doi.org/10.1108/jea.2008.07446baa.001>
- Hasanah, U. (2016). Developing local potential-based entrepreneurship. *Journal of Management and Business*, 15(2), 34–40. <http://www.journalmabis.org/mabis/article/view/254/271>
- Hasibuan, N. A., Purwangka, F., & Simbolon, D. (2021). Pemutakhiran Kurikulum Sertifikasi Ankapin I Berdasarkan Stcw-F 1995. *ALBACORE Jurnal Penelitian Perikanan Laut*, 4(3), 241–256. <https://doi.org/10.29244/core.4.3.241-256>
- Hattie, J. (2015). *Visible Learning: A Synthesis of Over 800 Meta-Analyses Relating to Achievement*.
- Hattie, J., & Timperley, H. (2007). The power of feedback. *Review of Educational Research*, 77(1), 81–112.
- Hawar, I. A., Arafat, Z., & Hakim, A. (2023). Pelatihan K3 Kebersihan Dan Sanitasi Pengolahan Pindang Di Pusat Pengolahan Pindang Di Desa Ciptamarga Kabupaten Karawang. *Abdima Jurnal Pengabdian Mahasiswa*, 2(2), 7444–7451.

- Hendrawati, T. Y. (2014). Analisis Kelayakan Industri Alkali Treated Cottonii Chips (ATC Chips) dari Rumput Laut Jenis *Eucheima cottonii*. *Prosiding Semnastek*, 1.
- Hendrix, Noviyanto, & Firmansyah. (2022). *Rancang bangun alat pengasapan ikan dengan bahan bakar limbah kayu sebagai pemanfaatan limbah pengrajin kayu di jepara*. v4i2.64959, 36–44. <https://doi.org/doi: 10.15294>
- Herawati, V. E., Saraswati, L. D., & Juniarto, A. Z. (2020). Penguatan Komoditi Unggulan Masyarakat Melalui Diversifikasi Produk Olahan Ikan Di Desa Asinan Kecamatan Bawen Kabupaten Semarang. *Jurnal Pasopati*, 2(4), 216–221.
- Hernandez, L. (2016). *Psychological Development Strategies To Organize The Curriculum*.
- Herpandi, H., Widiastuti, I., Baehaki, A., Sudirman, S., Nugroho, G. D., & Wulandari. (2022). Pemberdayaan Santri dan Masyarakat Sekitar Pondok Pesantren Rhaudul Ulum Sakatiga, Ogan Ilir Melalui Diversifikasi Produk Perikanan. *Jurnal Pengabdian Pada Masyarakat*, 7(1), 59–65. <https://doi.org/10.30653/002.202271.16>
- Hevner, A. R., March, S. T., Park, J., & Ram, S. (2004). Design science in information systems research. *MIS Quarterly: Management Information Systems*, 28(1), 75–105. <https://doi.org/10.2307/25148625>
- Holmes, K., Berger, N., Mackenzie, E., Attard, C., Johnson, P., Fitzmaurice, O., O’Meara, N., & Ryan, V. (2022). Editorial: The Impact of Place-Based Contextualised Curriculum on Student Engagement and Motivation in STEM Education. *Frontiers in Education*, 6. <https://doi.org/10.3389/educ.2021.826656>
- Hossain, M. S., Sharifuzzaman, S. M., Nobi, M. N., Chowdhury, M. S. N., Sarker, S., Alamgir, M., Uddin, S. A., Chowdhury, S. R., Rahman, M. M., Rahman, M. S., Sobhan, F., & Chowdhury, S. (2021). Seaweeds farming for sustainable development goals and blue economy in Bangladesh. *Marine Policy*, 128(February), 104469. <https://doi.org/10.1016/j.marpol.2021.104469>
- Hsu, K.-C. (2010). Purification of antioxidative peptides prepared from enzymatic hydrolysates of tuna dark muscle by-product. *Food Chem.*, 122(1), 42–48. <https://doi.org/10.1016/j.foodchem.2010.02.013>
- Huda, N. (2016). Decentralization of education in Indonesia: Problems of implementation. *Jurnal Ilmu Pendidikan*, 5, 3–12. <https://doi.org/10.17977/JIP.V5I0.1057>
- Husni, A., & Budhiyanti, S. (2021). *Rumput Laut Sebagai Pangan, Kesehatan dan Kosmetik*. UGM PRESS.
- Ibrohim. (2015). Pengembangan IPA/Biologi Pembelajaran Berbasis Discovery/Inquiry Dan Potensi Lokal untuk Meningkatkan Keterampilan dan

- Sikap Ilmiah Serta Menumbuhkan Jiwa Kewirausahaan. *Semnas Sains & Entrepreneurship II*, 1–19.
- Indonesia, R. (2003). *Undang-Undang Republik Indonesia Tahun 2003 Tentang Sistem Pendidikan Nasional (Sisdiknas) Pasal 36, Ayat (2)*.
- Indrastuti, N. A., Wulandari, N., & Palupi, N. S. (2019). PROFIL PENGOLAHAN IKAN ASIN DI WILAYAH PENGOLAHAN HASIL PERIKANAN TRADISIONAL (PHPT) MUARA ANGKE Profile of Salted Fish Processing in Pengolahan Hasil Perikanan (PHPT) Muara Angke. *Masyarakat Pengolahan Hasil Perikanan*, 22(2), 218–228.
- Ishak, D. (2022). Tinjauan Kebijakan Desentralisasi Pendidikan Di Indonesia. *PAPATUNG: Jurnal Ilmu Administrasi Publik, Pemerintahan Dan Politik*, 5(1), 30–36. <https://doi.org/10.54783/japp.v5i1.497>
- Ismail, I., & Fauzi, A. (2022). Islamic Education and Decentralization of Government. *FIKROTUNA: Jurnal Pendidikan Dan Manajemen Islam*, 15(01), 1–23. <https://doi.org/10.32806/jf.v15i01.5245>
- Jacksi, K., Sulaiman, M. A., & Saeed, R. H. (2021). The Importance of E-Learning in the Teaching Processor Secondary Schools /Review Article. *Academic Journal of Nawroz University*, 10(1), 53. <https://doi.org/10.25007/ajnu.v10n1a800>
- Johnson. (2018). *Curriculum and Assessment for 21st Century Learning*.
- Johnson, B., & Christensen, L. (2016). *Educational Research: Quantitative, Qualitative, and Mixed Approaches*. SAGE Publications.
- Johnson, L., & Collins, M. (2020). *Inclusive Education: Practices and Principles*. Sage Publications.
- Johnson, R. B., & Christensen, L. (2019). *Educational research: Quantitative, qualitative, and mixed approaches*. SAGE Publications.
- Joyce, B., & Calhoun, E. (2015). Models of Teaching. In *School Effectiveness and School Improvement* (5th ed., Vol. 2, Issue 4). Pearson. <https://doi.org/10.1080/0924345910020406>
- Kampylis, P., Punie, Y., & Devine, J. (2015). *Promoting effective digital-age learning: A European framework for digitally-competent educational organizations*. European Commission.
- Kasman, Susilana, R., & Sukirman, D. (2024). Diversified curriculum design based on the potential of the archipelago area. *Inovasi Kurikulum*, 21(1), 250–261.
- Kebudayaan, K. P. (2020). Panduan Implementasi Kurikulum 2013. *Jakarta: Badan Penelitian Dan Pengembangan Pusat Kurikulum*.
- Kelley, K., Clark, B., Brown, V., & Sitzia, J. (2003). Good practice in the conduct

- and reporting of survey research. *International Journal for Quality in Health Care*, 15(3), 261–266. <https://doi.org/10.1093/intqhc/mzg031>
- Kementerian Kelautan dan Perikanan. (2011). Peraturan Menteri Kelautan Dan Perikanan Republik Indonesia Nomor 52/Permen-Kp/2018 Tentang Persyaratan Dan Tata Cara Penerbitan Sertifikat Cara Penanganan Ikan Yang Baik Di Supplier. *Journal of Physics A: Mathematical and Theoretical*, 44(8), 1689–1699. www.journal.uta45jakarta.ac.id
- Kementerian Kelautan dan Perikanan. (2021). *Kelautan dan Perikanan dalam Angka 2021. Pusat Data, Statistik dan Informasi, Kementerian Kelautan dan Perikanan.*
- Kementerian Tenaga, & Transmigrasi, K. dan. (2013). *Keputusan Menteri Tenaga Kerja dan Transmigrasi Republik Indonesia Nomor 298 tahun 2013 tentang Penetapan Standar Kompetensi Kerja Nasional Indonesia Kategori Pertanian, Kehutanan, dan Perikanan Golongan Penangkapan Ikan Sub Golongan Penangkapan Ikan di L.* Kemnakertrans.
- Kemertian Kelautan dan Perikanan. (2019). *Peraturan Menteri Kelautan dan Perikanan RI tentang Persyaratan dan Tata Cara Penerbitan Sertifikat Kelayakan Pengolahan (Nomor 17/PERMEN-KP/2019).* KKP.
- Kholil, M., Sofyan, H., & Surjono, H. D. (2020). E-Learning and Its Role as a Learning Media in Education and Training. *Letters in Information Technology Education (LITE)*, 3(2), 66. <https://doi.org/10.17977/um010v3i22020p66-70>
- Koesoemawardani, D. (2020). Teknologi Pengolahan Ikan. *Graha Ilmu*, 116.
- Kopas-Vukašinović, E. M., & Savić, V. M. (2020). Designing Curriculum Content As a Factor of Education Quality. *Узданица*, 17(1), 261–271. <https://doi.org/10.18485/uzdanica.2020.17.1.16>
- Korson, C. (2023). A place-based approach to blended learning. *Journal of Geography in Higher Education*, 47(4), 569–588. <https://doi.org/10.1080/03098265.2022.2122032>
- Kridel, C. (2012). Secondary School Curriculum. In *Encyclopedia of Curriculum Studies* (p. 463). <https://doi.org/10.4135/9781412958806.n409>
- Kurniawan, R., Riswan, R., & Hilman, C. (2022). Dinamika Pengelolaan Pendidikan dalam Sistem Desentralistik. *Jurnal Inovasi, Evaluasi Dan Pengembangan Pembelajaran (JIEPP)*, 2(2), 52–60. <https://doi.org/10.54371/jiepp.v2i2.221>
- Kurniawati, A. S., Laksmono, R., & Syahtaria, I. (2023). Optimalisasi Limbah (*Eucheuma Cottonii*) Guna Akselerasi Pemanfaatan Energi Baru Dan Terbarukan (Ebt) Di Lingkup Kementerian Pertahanan. *Jurnal Kemaritiman: Indonesian Journal of Maritime*, 2(2), 322–331.

- Kusuma, A. I., Ishardwiyanto, M. R., & Basuki, M. P. T. U. F. S. M. F. D. D. U. A. P. M. P. I. J. S. I. Di. (2016). *Penerapan Teknologi Ultra Filtrasi Sebagai Media Filterisasi Dan Daur Ulang Air Pada Mesin Pendingin Ikan Jenis Slurry Ice di Kapal Ikan 30 GT*. 169–180.
- Kusumaningrum, I., & Oktawati, N. O. (2023). Pemberdayaan Masyarakat Melalui Pelatihan Diversifikasi Produk Olahan Berbasis Ikan Lele (Stik Ikan Dan Stik Tulang Ikan). *LOGISTA - Jurnal Ilmiah Pengabdian Kepada Masyarakat*, 7(1), 72. <https://doi.org/10.25077/logista.7.1.72-78.2023>
- Land, S., & Jonassen, D. (2012). *Theoretical foundations of learning environments*. Routledge.
- Latifah, N. N. (2019). Pembelajaran Muatan Lokal Bahasa Jawa Dalam Pelaksanaan Kurikulum 2013 Di Sdn Sambiroto 01 Semarang. *Jurnal Pendidikan Dasar*, 10(1), 149–158. <https://doi.org/10.21009/jpd.v10i1.9571>
- Liaw, S. S., Huang, H. M., & Chen, G. D. (2007). Surveying instructor and learner attitudes toward e-learning. *Computers and Education*, 49(4), 1066–1080. <https://doi.org/10.1016/j.compedu.2006.01.001>
- Ling., T. C., Jusoh., Y. Y., Rusli, A., & Norhayati, Mohd, A. (2014). User evaluation on curriculum design information system. *Proceedings Article*. <https://doi.org/doi:10.1109/ICIMU.2014.7066629>
- Ling, T. C., Jusoh, Y. Y., Abdullah, R., & Alwi, N. H. (2018). Validation of curriculum design information system model. *Indonesian Journal of Electrical Engineering and Computer Science*, 12(3), 1305–1311. <https://doi.org/10.11591/ijeecs.v12.i3.pp1305-1311>
- Litaay, C., Wisudo, S. H., & Arfah, H. (2020). Handling System of Skipjack Tuna By Pole and Line Fishermen. *Jurnal Pengolahan Hasil Perikanan Indonesia*, 23(1), 112–121. <https://doi.org/10.17844/jphpi.v23i1.30924>
- Litaay, M., Haedar, N., & Nur, K. U. (2022). Diversifikasi Olahan Rumput Laut Menunjang Gizi Masyarakat di Kabupaten Takalar. *Jurnal Ilmu Alam Dan Lingkungan*, 13(1), 32–37. <https://journal.unhas.ac.id/index.php/jai2>
- Lunenbergh, M., Kools, Q., & Bouckaert, M. (2014). Teacher educators as curriculum developers: Roles and responsibilities. *Frontiers in Education*.
- Luo, F., Antonenko, P. D., & Davis, E. C. (2020). Exploring the evolution of two girls' conceptions and practices in computational thinking in science. *Computers and Education*, 146(103759), 103759. <https://doi.org/10.1016/j.compedu.2019.103759>
- Mahfud, M. (2020). Management Pendidikan Berbasis Keunggulan Lokal. *ZAHRA: Research and Thought Elementary School of Islam Journal*, 1(1), 19–24. <https://doi.org/10.37812/zahra.v1i1.64>

- Mahrus, Zulkifli, L., Dewa Ayu Citra Rasmi, S. A., & Raksun, A. (2020). *PENINGKATAN GIZI KELUARGA MELALUI PROGRAM GERAKAN MEMASYARAKATKAN MAKAN IKAN (GEMARIKAN) DI DUSUN BALE KUWU DESA GUNUNGSARI*. 3(1).
- Mailoa, M. N., Gaspersz, F. F., & Setha, B. (2022). Ibm Pemberdayaan Kaum Perempuan Melalui Inovasi Pengolahan Mie Rumput Laut. *BALOBÉ: Jurnal Pengabdian*
<https://ojs3.unpatti.ac.id/index.php/balobe/article/view/5978%0Ahttps://ojs3.unpatti.ac.id/index.php/balobe/article/download/5978/4262>
- Mannion, G., & Adey, C. (2023). Place-Based Education Is an Intergenerational Practice. *Children, Youth and Environments*, 21(1), 35–58.
<https://doi.org/10.1353/cye.2011.0058>
- Mansur, R. (2016). Pengembangan Kurikulum Pendidikan Agama Islam Multikultural. *Jurnal Kependidikan Dan Keislaman FAI Unisma*, 10(2), 1–8.
<http://riset.unisma.ac.id/index.php/fai/article/view/165/165>
- Marianingsih, E., Sumarni, W., & Sugiarti, S. (2017). Pengembangan Kurikulum Berbasis Potensi Lokal. *Jurnal Pendidikan Sains*, 5(1), 80–92.
- Maritan, L., Iacumin, P., Zerboni, A., Venturelli, G., Dal Sasso, G., Linseele, V., Talamo, S., Salvatori, S., & Usai, D. (2018). Fish and salt: The successful recipe of White Nile Mesolithic hunter-gatherer-fishers. *Journal of Archaeological Science*, 92, 48–62. <https://doi.org/10.1016/j.jas.2018.02.008>
- Marliana, & Hikmah, N. (2013). Pendidikan Berbasis Muatan Lokal Sebagai Sub Komponen Kurikulum. *Dinamika Ilmu*, 13(1), 105–119.
<https://doi.org/10.21093/di.v13i1.68>
- Marsh, C. (2009). Key Concepts for Understanding Curriculum. In *Key Concepts for Understanding Curriculum*. Routledge. <https://doi.org/10.4324/9780203870457>
- Martínez Iñiguez, J. E., Tobón, S., & López Ramírez, E. (2019). Currículo: un análisis desde un enfoque socioformativo. *IE Revista de Investigación Educativa de La REDIECH*, 10(18), 43–63.
https://doi.org/10.33010/ie_rie_rediech.v10i18.200
- Martinez, M., & Mcgrath, D. (2014). *How to Design and Evaluate Research in Education*. McGraw-Hill Education.
- Marzano, R. J. (2013). The art and science of teaching: a comprehensive framework for effective instruction. In *ASCD* (Vol. 45, Issue 11). ASCD.
<https://doi.org/10.5860/choice.45-6316>
- Marzano, R. J. (2017). *The New Art and Science of Teaching: More Than Fifty New Instructional Strategies for Academic Success*. Solution Tree Press.

- Masrifah, E., Noorachmat, B. P., & Sukmawati, A. (2015). Kesesuaian Penerapan Manajemen Mutu Ikan Pindan Bandeng (*Chanos chanos*) Terhadap Standar Nasional Indonesia. *MANAJEMEN IKM: Jurnal Manajemen Pengembangan Industri Kecil Menengah*, 10(2), 163–172. <https://doi.org/10.29244/mikm.10.2.163-172>
- Metusalach, Kasmianti, Fahrul, & Jaya, I. (2014). Pengaruh cara penangkapan, fasilitas penangan dan cara penanganan ikan terhadap kualitas ikan yang dihasilkan. *Jurnal IPTEKS PSP*, 1(1), 40–52.
- Miel, A. (1946). *Changing the curriculum: A social process*. Holt Rinchat.
- Miles, R. (2013). Experiencing sustainability education through place: A case-study from rural-regional Australia. *Journal of Sustainability Education*, 5(2).
- Mira, M., Windari, S., Reski, S. M., Hakiki, I. Della, Ishak, K. A., Putri, L. O., & Marta, E. (2022). The Effect of Traditional Drying on Salted Fish Quality. *International Journal of Natural Science and Engineering*, 6(1), 8–13. <https://doi.org/10.23887/ijnse.v6i1.41623>
- Morrison, K., & Glenny, G. (2012). Research and curriculum development: A partnership for change. *International Journal of Educational Development*.
- Mubarok, A. A., Aminah, S., Sukamto, S., Suherman, D., & Berlian, U. C. (2021). Landasan Pengembangan Kurikulum Pendidikan di Indonesia. *Jurnal Dirosah Islamiyah*, 3(1), 103–125. <https://doi.org/10.47467/jdi.v3i2.324>
- Muktadir, A., & Agustrianto. (2014). PENGEMBANGAN MODEL MATA PELAJARAN MUATAN LOKAL BERBASIS KEARIFAN LOKAL UNTUK MENINGKATKAN KARAKTER DI SEKOLAH DASAR PROVINSI BENGKULU. *Jurnal Pendidikan Karakter*. <https://doi.org/10.2307/2311484>
- Mumpuni, K. E. (2013). Potensi Pendidikan Keunggulan Lokal Berbasis Karakter Dalam Pembelajaran Biologi Di Indonesia. *Prosiding Seminar Nasional X Pendidikan Biologi FKIP UNS*, 10(2), 1–7. <http://www.jurnal.fkip.uns.ac.id/index.php/prosbio/article/download/3137/2177>
- Muradi, R., & Kartika, K. (2023). Fish Dryer With Temperature Control Using the Fuzzy Logic Method. *International Journal of Engineering, Science and Information Technology*, 3(1), 1–8. <https://doi.org/10.52088/ijesty.v3i1.403>
- Nafiati, D. A. (2021). Revisi taksonomi Bloom: Kognitif, afektif, dan psikomotorik. *Humanika*, 21(2), 151–172. <https://doi.org/10.21831/hum.v21i2.29252>
- Nailis, A., Rachim, F., & Pratiwi, R. (2017). HUBUNGAN KONSUMSI IKAN TERHADAP KEJADIAN STUNTING PADA ANAK USIA 2-5 TAHUN. 6(1), 36–45.
- Naiu, A. S., Koniyo, Y., Nursinar, S., & Kasim, F. (2018). *Penanganan dan*

- pengolahan hasil perikanan*. CV. Athra Samudra.
- Nasrullah, Ul Amin, R., & Soomro, K. A. (2021). Decentralization of education: The affective role of fiscal decentralization in Pakistani education system(s). In *FWU Journal of Social Sciences* (Vol. 15, Issue 1, pp. 41–51). <https://doi.org/10.51709/19951272/spring2021/15-4>
- Nasution. (2008). *Asas-asas Kurikulum*. Bumi Aksara.
- Nasution, I. (2010). Otonomi Daerah Dan Otonomi Pendidikan. *Visipena Journal*, 1(2), 1–9. <https://doi.org/10.46244/visipena.v1i2.25>
- Nendissa, D. M., Kaya, A. O. W., Rieuwpassa, F., Loppies, C. R. M., & Lokollo, E. (2023). PENANGANAN PASCA TANGKAP HASIL PERIKANAN DI NEGERI WAAI KECAMATAN SALAHUTU KABUPATEN MALUKU TENGAH. *Agrinimal Jurnal Ilmu Ternak Dan Tanaman*, 10(164), 86–95.
- Nikezić, A., & Marković, D. (2015). Place-based education in the architectural design studio: Agrarian landscape as a resource for sustainable urban lifestyle. *Sustainability (Switzerland)*, 7(7), 9711–9733. <https://doi.org/10.3390/su7079711>
- Nikmawati, S. Y., Hamzah, S. N., Lamadi, A., & Kadim., M. K. (2018). *Diversifikasi Pengembangan Produk Hasil Perikanan*. CV. Athra Samudra.
- Novogen, O., Nina, B., & Railean, E. A. (2020). Assessment as Learning: A Model of the Entrepreneurial Competence Assessment in Initial Vocational-Technical Schools. In *Assessment, Testing, and ...* (pp. 238–255). IGI Global. <https://www.igi-global.com/chapter/assessment-as-learning/248985>
- Nurhalim, M. (2011). Analisis Perkembangan Kurikulum di Indonesia (Sebuah Tinjauan Desain dan Pendekatan). *INSANIA: Jurnal Pemikiran Alternatif Kependidikan*, 16(3), 340–350. <http://www.ejournal.iainpurwokerto.ac.id/index.php/insania/article/view/1597>
- Nurkayati, S. (2008). Implementasi Kurikulum Muatan Lokal Berbasis Pesantren di SMP A. Wahid Hasyim Tebuireng Jombang Siti. *Journal Of Industrial Engineering & Management Research*, 1(4), 19–20.
- O’connor, K. (2016). A pedagogy of place: Promoting relational knowledge in science teacher education. *Teacher Learning and Professional Development*, 1.
- Ogundana, O., Yahaya, M., Alonge, A., & Owa, T. (2023). Design and construction of a locally designed fish smoking kiln powered by bio-gas. *Proceedings of the Nigerian Academy of Science*, 15(2), 29–36. <https://doi.org/10.57046/lush4029>
- Ogunsemi, O. E., & Idowu, E. K. (2023). Best Practices in Curriculum Implementation Through the Experiential Learning Cycle. *European Journal of Theoretical and Applied Sciences*, 1(3), 324–327.

[https://doi.org/10.59324/ejtas.2023.1\(3\).32](https://doi.org/10.59324/ejtas.2023.1(3).32)

- Oliva, P. F. (1988). *Developing the Curriculum*. Scott, Foresman/Little, Brown College Division. <https://books.google.co.id/books?id=II4FAQAIAAJ>
- Ornstein, A. C., & Hunkins, F. P. (2017). *Curriculum: Foundations, principles, and issues, global edition* (7th ed.). Pearson Education.
- Ornstein, A. C., & Hunkins, F. P. (2018). *Curriculum: Foundations, Principles, and Issues* (Ed. 7). Prentice Hall. https://www.google.co.id/books/edition/Curriculum_foundations_Principles_and_Is/QLQIAQAIAAJ
- P 21 Century learning. (2015). *21st CENTURY STUDENT OUTCOMES*. 1–9. <http://www.p21.org/our-work/p21-framework>
- Palilonis, J. (2019). *User-Centered Research and Design of a K-5 Digital Literacy Curriculum*. Springer International Publishing. <https://doi.org/10.1007/978-3-030-21814-0>
- Pamela, Minsas, S., Kurniadi, B., Sari, M., Sofiana, J., Ganda, R., Panjaitan, P., Sari, R., Ristian, U., & Nurdiansyah, S. I. (2022). *Implementasi Blue Economy Melalui Kegiatan Budi Daya Rumput Laut Eucheuma cottonii di Wilayah Pesisir Pulau Lemukutan Program Studi Agribisnis , Fakultas Pertanian Universitas Tanjungpura Blue Economy Implementation Through Eucheuma cottonii Seaweed Culti*. 7(4), 655–662.
- Panani, P., Nawarat, N., Jatuporn, O., & Rerkplian, P. (2023). Contextualizing Conceptual Foundations: Educational Citizenship Curriculum Development in Chiang Mai Peri-Urban Schools. *Rajabhat Chiang Mai Research Journal*, 24(1), 213–230. <https://doi.org/10.57260/rcmrj.2023.261722>
- Pandit, I. G. S., Astara, I. W. ., & Permatananda, P. A. N. K. (2021). Pkm Peningkatan Mutu Penanganan Ikan Segar Di Pasar Kedonganan Di Era New Normal. *Prosiding PKM-CSR*, 4, 289–293.
- Parker, R., Thomsen, B. S., & Berry, A. (2019). Learning Through Play at School – A Framework for Policy and Practice. *Frontiers in Education*, 7. <https://doi.org/10.3389/educ.2022.751801>
- Pereira, T., Amaral, A., & Mendes, I. (2023). A Competency Definition Based on the Knowledge, Skills, and Human Dispositions Constructs. In *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST: Vol. 458 LNICST* (pp. 29–38). Springer Nature Switzerland. https://doi.org/10.1007/978-3-031-25222-8_3
- Permen KP No. 17 Tahun. (2019). *Peraturan menteri kelautan dan perikanan Republik Indonesia Nomor 17/Permen-Kp/2019 tentang persyaratan dan tata cara penerbitan sertifikat kelayakan pengolahan*. 53(9), 1689–1699.

- Permen KP No 05 Tahun. (2021). Permen KP No 05 Tahun 2021. Tentang Usaha Pengolahan Ikan. *Journal of Physics A: Mathematical and Theoretical*, 44(8), 1689–1699. www.journal.uta45jakarta.ac.id
- Permendikbud. (2014). Permendikbud 79 Tahun 2014. *Permendikbud 79 Tahun 2014 Tentang Muatan Lokal K13*, 53(9), 1–5.
- Piaget, J. (1952). The origins of intelligence in children. In *The origins of intelligence in children*. W W Norton & Co. <https://doi.org/10.1037/11494-000>
- Piamsa-nga, P., & Poovarawan, Y. (2020). Design a Curriculum with User-Experience Analysis: Case Study Computing Science Curriculum. In *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics): Vol. 12218 LNCS*. Springer International Publishing. https://doi.org/10.1007/978-3-030-51968-1_3
- Pixyoriza, Wahidah, N. I., Sakung, N. T., & Anjarwati, S. (2023). Analisis Penelitian Difusi Inovasi Kurikulum Merdeka Di Tingkat Sekolah. *Jurnal Ilmiah Wahana Pendidikan*, 9(14), 786–793.
- Prasetyo, A. R., & Hamami, T. (2020). Prinsip-prinsip dalam Pengembangan Kurikulum. *Palapa*, 8(1), 42–55. <https://doi.org/10.36088/palapa.v8i1.692>
- Pratidina, G. E., Santoso, H., & Prastawa, H. (2018). Perancangan Sistem Hazard Analysis Critical Control Point (HACCP) dan Sistem Jaminan Halal di UD Kerupuk Ikan Tenggiri Dua Ikan Jepara. *Industrial Engineering Online Journal*, 7(4).
- Prihanto, A. A. (2021). *Pengendalian Mutu dan Kualitas Hasil Perikanan*. Media Nusantara Creative.
- Princestasari. (2015). Formulasi Rumput Laut Gracilaria Sp. Dalam Pembuatan Bakso Daging Sapi Tinggi Serat Dan Iodium. *Jurnal Gizi Dan Pangan*, 10(3), 185–196.
- Print, M. (1993). *Curriculum Development and Design*. : National library of Australia cataloging in-publication entry.
- Purcell, S. W., Tagliafico, A., Cullis, B. R., & Gogel, B. J. (2021). Socioeconomic impacts of resource diversification from small-scale fishery development. *Ecology and Society*, 26(1). <https://doi.org/10.5751/ES-12183-260114>
- Purwanti, D., . G., & Musadad, A. A. (2019). The Effect of Local-Based 2013 Curriculum Implementation on Students' Environmental Awareness. *International Journal of Educational Research Review*, 4(1), 65–75. <https://doi.org/10.24331/ijere.486241>
- Purwanto, A., Masduki Asbari, & Sulaiman, A. (2023). Penerapan Sistem Jaminan Halal HAS-23000 di Industri kemasan Makanan. *Journal of Community Service*

- and Engagement (JOCOSAE), 03(02), 12–16.*
- Purwanto, E., Isdiantoni, I., & Syahril, S. (2022). Processed fish products based on diversification and standardization. *Journal of Community Service and Empowerment*, 3(1), 18–25. <https://doi.org/10.22219/jcse.v3i1.18590>
- Pusat Kurikulum. (2017). *Panduan Diversifikasi Kurikulum untuk Pendidikan Dasar dan Menengah.*
- Pusat Sertifikasi Mutu dan Keamanan Hasil perikanan. (2014). *Petunjuk Teknis Inspeksi Cara Penanganan Ikan yang Baik (CPIB) Berdasarkan Konsep HACCP pada Unit Pengumpul/Supplier.* Badan Karantina Ikan, Pengendalian Mutu dan Keamanan Hasil Perikanan.
- Puskurbuk. (2017). *Panduan diversifikasi kurikulum untuk pendidikan dasar dan menengah.* Puskurbuk.
- Putans, R., Jansone-Ratinika, N., & Silis, M. (2022). *Students' Transversal Competence in International Business Studies: Mapping of Learning Outcomes and Curriculum Design.* 464–474. <https://doi.org/10.22364/htqe.2022.33>
- Rachmah, Q., Indriani, D., Hidayah, S., Adhela, Y., & Mahmudiono, T. (2020). *Pendidikan Gizi Gemar Makan Ikan Sebagai Upaya Peningkatan Pengetahuan Ibu tentang Pencegahan Stunting Di Desa Gempolmanis Kecamatan Sambeng Kabupaten Lamongan Provinsi Jawa Timur Nutrition Education “ Gemar Makan Ikan ” to Increase Mother ' s Knowledge o.* 7–10. <https://doi.org/10.20473/amnt>.
- Ragan, W. B. (1966). *Modern Elementari Curriculum.* Holt Rinhart & Winston.
- Rahman, A. A. (2019). Decentralised Education Policy in Indonesia. In *Exchanges: The Interdisciplinary Research Journal* (Vol. 6, Issue 2, pp. 30–47). <https://doi.org/10.31273/eirj.v6i2.240>
- Rahmawati, L. (2020). Strategic Functions of Curriculum in Modern Education Systems. *Journal of Curriculum Studies*, 22(1), 45–58.
- Ramadina, E. (2021). Peran Kepala Sekolah Dalam Pengembangan Kurikulum Merdeka Belajar. *Mozaic: Islam Nusantara*, 7(2), 131–142. <https://doi.org/10.47776/mozaic.v7i2.252>
- Rani, R., Sholihah, N., Mutmainah, F., Sopiah, S., Rahmi, R., Aisyah, N., & Marta, E. (2022). The Impact of Drying and Salting on the Fish Resilience and Quality. *International Journal of Natural Science and Engineering*, 6(1), 30–36. <https://doi.org/10.23887/ijnse.v6i1.41473>
- Ranjan, R., Prakash, S., Bansal, K., Jayanth, T., Reddy, V., & Santhi, V. (2022). Human Computer Model for E-learning in Pandemic of Covid-19. *International Conference on Sustainable Computing and Data Communication Systems*, 8–14.

- Rao, G. N., Rao, P., Satyanarayana, A., & Balaswamy, K. (2012). Functional properties and in vitro antioxidant activity of roe protein hydrolysates of *Channa striatus* and *Labeo rohita*. *Food Chem*, 135(3), 1479–1484.
- Riana, I. G., Wiagustini, N. L. P., & Meydianawathi, L. G. (2014). Master Plan UMKM berbasis perikanan untuk meningkatkan pengolahan produk ikan yang memiliki nilai tambah tinggi. *Jurnal Ekonomi Kuantitatif Terapan*, 7(2), 102–119.
- Richey, R. C., & Klein, J. D. (2007). Design and Development Research: Methods, Strategies, and Issues. In *Design and Development Research: Methods, Strategies, and Issues* (1st ed.), pp. 1–180. Routledge. <https://doi.org/10.4324/9780203826034>
- Rini, Y. S., & Kurniawan, D. (2017). RELEVANSI KURIKULUM MUATAN LOKAL KELAUTAN DENGAN PENGEMBANGAN POTENSI KELAUTAN DI KABUPATEN NATUNA (Studi Deskriptif Analitis pada Sekolah Menengah Atas di Kabupaten Natuna). *Jurnal Penelitian Pendidikan*, 16(3), 263–277. <https://doi.org/10.17509/jpp.v16i3.4820>
- Rogers, E. M. (1983). *Diffusion of Innovations : Third Edition* (Third Edit). The Free Press.
- Ruiz, A. (2022). A place we call home: Curriculum for land-based education. In *DRS2022: Bilbao. Design Research Society*. <https://doi.org/10.21606/drs.2022.161>
- Rusdi, M. (2018). *Penelitian Desain dan Pengembangan Kependidikan - Rusdi - Rajagrafindo Persada*. PT. Rajagrafindo Persada. <https://www.rajagrafindo.co.id/produk/penelitian-desain-dan-pengembangan-kependidikan-rusdi/>
- Rusdiana. (2014). *Konsep Inovasi Pendidikan*. Pustaka Setia.
- Safia, W., Budiyanti, & Misrif. (2020). Kandungan Nutrisi dan Senyawa Bioaktif Rumput Laut (*Euchema cottonii*) yang Dibudidayakan dengan Teknik Rakit Gantung pada Kedalaman Berbeda. *Jurnal Pengolahan Hasil Perikanan Indonesia*, 23(2), 261–271.
- Saing, Z., La Kamisi, H., Rahman, H., Udin, S., Safira, S., Titdoy, D., & Yanti Karim, E. (2022). Empowering Women's Coconut Farmer Groups To Build Family Economic Resilience Based On Local Potential In Tidore Islands City. *International Journal Of Community Service*, 2(4), 427–434. <https://doi.org/10.51601/ijcs.v2i4.135>
- Santika, L., ruf, W., & Romadhon, R. (2014). Karakteristik Agar Rumput Laut *Gracilaria Verrucosa* Budidaya Tambak Dengan Perlakuan Konsentrasi Alkali Pada Umur Panen Yang Berbeda. *Jurnal Pengolahan Dan Bioteknologi Hasil*

- Perikanan*, 3(4), 98–105.
- Santoso, T., & Wardhani, D. (2019). Integrative Approach in Curriculum Design for Holistic Education. *International Journal of Education and Learning*, 18(3), 77–90.
- Sarah, S., & Maryono. (2014). Keefektivan Pembelajaran Berbasis Potensi Lokal Dalam Pembelajaran Fisika SMA Dalam Meningkatkan Living Values Siswa. *Jurnal Pendidikan Sains Universitas Muhammadiyah Semarang*, 02(01), 36–42.
- Sari, L., Nugroho, S. D., & Yuliati, N. (2022). Penerapan hazard Analysis Critical Control Point pada proses produksi udang cooked peeled tail on Di PT. X. *Technomedia Journal*, 7(3), 381–398. <https://doi.org/10.33050/tmj.v7i3.1916>
- Sari, N., Bakhtiar, B., & Azmin, N. (2022). Pemanfaatan Rumput Laut (*Eucheuma cottonii*) Sebagai Bahan Dasar Masker Wajah Alami. *JUSTER: Jurnal Sains Dan Terapan*, 1(1), 28–35. <https://doi.org/10.55784/juster.vol1.iss1.15>
- Sari, N., Lubis, E., Nugroho, T., & Muningsar, R. (2020). Peningkatan Penanganan Ikan Hasil Tangkapan di Pelabuhan Perikanan Nusantara (PPN) Palabuhanratu (Improve handling of fish caught in the Indonesian fishing port of Palabuhanratu (PPN) Palabuhanratu). *Jurnal Pusat Inovasi Masyarakat*, 2(1), 80–84.
- Sedayu, B. B., Erawan, I. M. S., & Assadad, L. (2014). Pupuk Cair dari Rumput Laut *Eucheuma cottonii*, *Sargassum* sp. dan *Gracilaria* sp. Menggunakan Proses Pengomposan. *Jurnal Pascapanen Dan Bioteknologi Kelautan Dan Perikanan*, 9(1), 61. <https://doi.org/10.15578/jpbkp.v9i1.100>
- Setiadi, R. (2016). *Penilaian Pembelajaran: Teknik dan Aplikasinya*.
- Setiyadi, B., Suryani, I., & Framadita, R. (2023). Landasan Dan Asas Pengembangan Kurikulum. *Daiwi Widya*, 9(2), 55–63. <https://doi.org/10.37637/dw.v9i2.1184>
- Setyoko, A. T., & Kristiningrum, E. (2019). Pengembangan Desain Sistem Keamanan Pangan Menggunakan Hazard Analysis Critical Control Point (Haccp) Pada Ukm Produsen Nugget Ikan. *Jurnal Standardisasi*, 21(1), 1. <https://doi.org/10.31153/js.v21i1.723>
- Shofiyah, S. (2018). Prinsip – Prinsip Pengembangan Kurikulum dalam Upaya Meningkatkan Kualitas Pembelajaran. *Edureligia; Jurnal Pendidikan Agama Islam*, 2(2), 122–130. <https://doi.org/10.33650/edureligia.v2i2.464>
- Shufa, N. K. F. (2018). Pembelajaran Berbasis Kearifan Lokal Di Sekolah Dasar: Sebuah Kerangka Konseptual. *INOPENDAS: Jurnal Ilmiah Kependidikan*, 1(1). <https://doi.org/10.24176/jino.v1i1.2316>
- Shumanova, M. (2021). Photon correlation spectroscopy in the fish salting process. *Journal of Food Processing and Preservation*, 45(5), 1–11.

<https://doi.org/10.1111/jfpp.15408>

- Siahaan, I. C. M., Nugraha, B. R., Rajab, R. A., & Rasdam, R. (2022). Penerapan Good Manufacturing Practices (GMP) dan Sanitation Standard Operating Procedure (SSOP) pada Proses Pengolahan Tuna Loin (*Thunnus sp*) di Unit Pengolahan Ikan di Nusa Tenggara Timur. *Jurnal Vokasi Ilmu-Ilmu Perikanan (Jvip)*, 3(1), 13. <https://doi.org/10.35726/jvip.v3i1.743>
- Sipahutar, Y. H., Taufiq, T., Kristiani, M. G. E., Prabowo, D. H. G., Ramadheka, R. R., Suryanto, M. R., & Pratama, R. B. (2020). The effect of Gracilaria powder on the characteristics of nemipterid fish sausage. *IOP Conf. Ser. Earth Environ. Sci.*, 404(1), 12033. <https://doi.org/10.1088/1755-1315/404/1/012033>
- Situmorang, R. P. (2016). Analisis Potensi Lokal Untuk Mengembangkan Bahan Ajar Biologi Di Sma Negeri 2 Wonosari. *Jurnal Pendidikan Sains Universitas Muhammadiyah Semarang*, 4(1), 51–57.
- Siyoto, S., & Sodik, M. A. (2015). *Dasar Metodologi Penelitian*. Literasi Media Publishing.
- Smith, J. K., Berg, D. A. G., & Lipnevich, A. A. (2022). Formative Assessment and Assessment for Learning. In A. O'Donnell, N. C. Barnes, & J. Reeve (Eds.), *The Oxford Handbook of Educational Psychology* (p. 0). Oxford University Press. <https://doi.org/10.1093/oxfordhb/9780199841332.013.27>
- Sobel, D. (2013). *Place-Based Education: Connecting Classrooms & Communities*. The Orion Society.
- Sofiana, F., & Aly, H. N. (2023). Landasan Psikologis. *Journal on Education*, 5(2), 4312–4316. <https://doi.org/10.31004/joe.v5i2.1146>
- Soleh, A. (2017). Strategi Pengembangan Potensi Desa. *Jurnal Sungkai*, 5(1), 35–52.
- Spillane, J. P., Healey, K., & Parise, L. M. (2011). Leading and managing instruction: Administrator roles in supporting teaching and learning. *Educational Administration Quarterly*.
- Stufflebeam, D. L. (1971). *Educational Evaluation and Decision Making*. Kluwer-Nijhoff Publishing.
- Sudarmaji, H., Nurlaela, L., & Hariadi, E. (2020). Influences of skill, knowledge, attitude, and morality on job achievement. *International Journal of Engineering Research and Technology*, 13(11), 3372–3376. <https://doi.org/10.37624/ijert/13.11.2020.3372-3376>
- Sudarsana, I. K. (2018). Peran Keluarga dan Masyarakat dalam Desentralisasi Pendidikan Nasional. In *Maha Widya Bhuwana* (Vol. 1, Issue 1, pp. 10–18).
- Sudirman, H. S. (2019). Strategi Implementasi Kurikulum: Suatu Kajian Perspektif Teori Di Sekolah Dasar. *Adaara: Jurnal Manajemen Pendidikan Islam*, 9(2),

- 936–951. <https://doi.org/10.35673/ajmpi.v9i2.428>
- Sugiyono. (2013). Metodologi Penelitian Kualitatif dan R&D. In *Bandung: Rineka Cipta*. ALFABETA.
- Sukirman, D. (2007). *Landasan Pengembangan Kurikulum*. UPI. Edu. <https://www.test.journal.unipdu.ac.id/index.php/religi/article/view/562%0Ahttp://ineusintiawati.blogspot.co.id/2012/03/pengertian-landasan.html.%0Ahttps://repository.uksw.edu/handle/123456789/988>
- Sukirman, D. (2011). *Landasan Pengembangan Kurikulum*. UPI.
- Sukmadinata, N. S. (2019). *Pengembangan Kurikulum; Teori dan Praktek*. PT. Remaja Rosdakarya.
- Sukriani, N. R. (2023). Implementasi Kurikulum Gabungan Terkait Evaluasi Hasil Belajar Peserta Didik Pada SDN Summersari 3. *Proceedings Series of Educational Studies, 1*(1), 223–232.
- Sundberg, D. (2023). Curriculum and knowledge content. In R. J. Tierney, F. Rizvi, & K. B. T.-I. E. of E. (Fourth E. Ercikan (Eds.), *International Encyclopedia of Education: Fourth Edition* (pp. 256–266). Elsevier. <https://doi.org/10.1016/B978-0-12-818630-5.03049-9>
- Susanto, E. (2014). Mempelajari Kinerja Alat Pengasap Ikan Tipe Cabinet dan Pengaruhnya terhadap Mutu Ikan Asap. *Journal of Agro-Based Industry, 31*, 32–38.
- Susilawati, F., Gunarhadi, G., & Hartono, H. (2020). Pentingnya Pengembangan Bahan Ajar Tematik Dalam Peningkatkan Karakter Peduli Lingkungan Siswa. *EduHumaniora | Jurnal Pendidikan Dasar Kampus Cibiru, 12*(1), 62–68. <https://doi.org/10.17509/eh.v12i1.15068>
- Sutjipto. (2015). Diversifikasi Kurikulum dalam Kerangka Desentralisasi Pendidikan. *Jurnal Pendidikan Dan Kebudayaan, 21*(3), 317. <https://doi.org/10.24832/jpnk.v21i3.193>
- Sutresni, N., Mahendra, M. S., & Redi Aryanta, I. W. (2016). *Penerapan Hazard Analysis Critical Control Point (HACCP) Pada Proses Pengolahan Produk Ikan Tuna Beku Di Unit Pengolahan Ikanpelabuhan Benoa-Bali* (Vol. 10). Ecotrophic.
- Swaffield, S., & Rawi, R. (2023). Assessment for learning. In R. J. Tierney, F. Rizvi, & K. B. T.-I. E. of E. (Fourth E. Ercikan (Eds.), *International Encyclopedia of Education: Fourth Edition* (pp. 21–34). Elsevier. <https://doi.org/10.1016/B978-0-12-818630-5.09011-4>
- Syarifuddin, A., Dirpan, A., & Rahman, A. N. F. (2019). Difusi Teknologi Pembuatan Edible Film Berbasis Karagenan/Pati Sebagai Kemasan Primer

- Dodol Rumput Laut Di Kabupaten Takalar. *Jurnal Dinamika Pengabdian (JDP)*, 5(1), 1–11. <https://journal.unhas.ac.id/index.php/jdp/article/view/8116>
- Syomwene, A., Nabwire, V., & Musamas, J. (2015). Theoretical Bases Influencing Curriculum Decision Making in Early Childhood Education. *Journal of Educational Policy and Entrepreneurial Research (JEPER)*, 2(12), 23. www.ztjournals.com
- Szyrocka, J. R., Żywiołek, J., Nayyar, A., & Naved, M. (2023). Advances in Distance Learning in Times of Pandemic. In *Advances in Distance Learning in Times of Pandemic*. <https://doi.org/10.1201/9781003322252>
- Taba, H. (1962). Curriculum Development: Theory and Practice. *Brace & World*.
- Tabrani, T., Angkasa, W. I., Rahmatika, D. N., Firmansyah, F., & Rahajo, T. B. (2022). Diversification Strategies of Indonesian Seaweed Commodities to Strengthen Markets, Competitiveness, and Economic Resilience of Coastal Communities. *Return: Study of Management, Economic and Bussines*, 1(3), 127–133. <https://doi.org/10.57096/return.v1i3.21>
- Tani, V., Rasdam, R., & Siahaan, I. C. M. (2020). Teknik Penanganan Ikan Hasil Tangkapan Di Atas Kapal Purse Seine Pada Km. Asia Jaya Ar 03 Juwana Pati Jawa Tengah. *Jurnal Ilmu-Ilmu Perikanan Dan Budidaya Perairan*, 15(1), 63–73. <https://doi.org/10.31851/jipbp.v15i1.4512>
- Tim Penulis GTK. (2019). Konsep Dan Prinsip Assessment, Teknik Penilaian Berbasis Kelas, Dan Umpan Balik. *Modul Belajar Mandiri*, 205–214.
- Trisnawaty, A. E. (2016). Pendidikan Berbasis Keunggulan Lokal. *National Conference On Economic Education*, 15(1), 165–175.
- Tunggal, W. W. I., & Hendrawati, T. Y. (2015). Pengaruh Konsentrasi Koh pada Ekstraksi Rumput Laut (*Euclima cottoni*) dalam Pembuatan Karagenan. *Jurnal Konversi*, 4(April), 32–39.
- Tyler, R. W. (1949a). *Basic Principles of Curriculum and Instruction* (1st ed.). University of Chicago Press. <https://doi.org/10.7208/chicago/9780226086644.001.0001>
- Tyler, R. W. (1949b). *Basic Principles of Curriculum and Instruction*. In *Basic Principles of Curriculum and Instruction* (1st ed.). University of Chicago Press. <https://doi.org/10.7208/chicago/9780226086644.001.0001>
- UNESCO. (2020). Education for Sustainable Development Goals: Learning Objectives. Retrieved from *UNESCO*.
- Usha, D. (2022). E-Learning Methodology. *International Journal of Advanced Research in Science, Communication and Technology*, 2(2), 158–163. <https://doi.org/10.48175/ijarsct-7435>

- Wahyuni, S., Khadijah, K., Budianti, Y., & Maisarah, M. (2021). Pengembangan Kurikulum Merujuk KKNI Pada Prodi PIAUD. *Al-Athfaal: Jurnal Ilmiah Pendidikan Anak Usia Dini*, 4(1), 14–30. <https://doi.org/10.24042/ajipaud.v4i1.8334>
- Walker, C. L., & Shore, B. M. (2015). Understanding classroom roles in inquiry education: Linking role theory and social constructivism to the concept of role diversification. In *SAGE Open* (Vol. 5, Issue 4, pp. 1–13). <https://doi.org/10.1177/2158244015607584>
- Wals, A. E. J., & Corcoran, P. B. (2012). *Learning for Sustainability in Times of Accelerating Change*. Wageningen Academic Publishers.
- Wang, H., Chen, J., & Sun, X. (2019). The impact of structured curriculum on student learning outcomes. *Journal of Educational Research*.
- Wicaksani, A. L., & Adriyani, R. (2018). Penerapan Haccp Dalam Proses Produksi Menu Daging Rendang Di Inflight Catering. *Media Gizi Indonesia*, 12(1), 88. <https://doi.org/10.20473/mgi.v12i1.88-97>
- Wijaya, A. (2020). Pengaruh Ketersediaan Sarana dan Prasarana terhadap Efektivitas Pembelajaran. *Jurnal Pendidikan*, 8(1), 57–65.
- Winarni, T. A. (2003). *Uji Mutu Terpadu Pada Beberapa Spesies Ikan Dan Produk Perikanan Di Indonesia*.
- Xing, S., & Chen, Q. (2019). Research and Practice on Achievement of Curriculum Objectives Based on Outcome-Based Education Idea. In *Proceedings of The First International Symposium on Management and Social Sciences (ISMSS 2019)*. Atlantis Press. <https://doi.org/10.2991/ismss-19.2019.47>
- Yanti, N., Nur, T., & Randis, R. (2022). Implementation of Fuzzy Logic in Fish Dryer Design. *ILKOM Jurnal Ilmiah*, 14(1), 39–51. <https://doi.org/10.33096/ilkom.v14i1.1092.39-51>
- Yashari. (2019). UJI ORGANOLEPTIK DAN NILAI pH BAKSO DAGING KERBAU YANG DITAMBAHKAN KARAGENAN (*Eucheuma cottonii*). *Prosiding Seminar Nasional*, 2, 26–27.
- Yemini, M., Engel, L., & Ben Simon, A. (2023). Place-based education—a systematic review of literature. *Educational Review*, 1–21. <https://doi.org/10.1080/00131911.2023.2177260>
- Yoswaty, D. (2022). *Diversifikasi produk olahan ikan Nila Salin (Oreochromis niloticus) dan pengenalan alat peniris minyak abon di Kelurahan Pangkalan Sesai*. 4, 27–35.
- Youssef, M. (2023). Blue Economy Literature Review. *International Journal of Business and Management*, 18(3), 12. <https://doi.org/10.5539/ijbm.v18n3p12>

- Yusuf, N., Hamzah, S. N., Lamadi, A., & Kadim, M. K. (2018). *Diversifikasi Pengembangan Produk Hasil Perikanan*.
- Zais, R. (1976). Curriculum: Principles and Foundations. In *Scientific Research an academic publizer*. Harper & Row.
- Zosh, J. N., Hopkins, E. J., Jensen, H., Liu, C., Neale, D., Hirsh-Pasek, K., Solis, S. L., & Whitebread, D. (2017). *Learning through play: a review of the evidence*. LEGO Fonden Billund, Denmark.